市販鎮痛解熱剤
Pain-killing drug

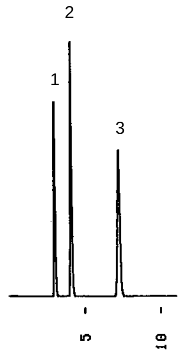
1.Acetaminophen
2.Caffeine
3.Ethenzamide
4.Bromovalerylurea

(G900727D)

Column : YMC-Pack ODS-A (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/0.1% phosphoric acid (3/17)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 5 μ L

インドメタシン
Indometacin

1.*p*-Chlorobenzoic acid
2.*p*-Hydroxybenzoic acid *n*-butyl ester
3.Indometacin

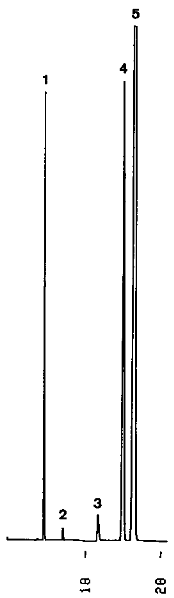


(G900727F)

Column : YMC-Pack ODS-A (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/0.1% phosphoric acid (70/30)
Flow rate : 1.3 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.64 AUFS
Injection : 20 μ L
(日本薬局方第１２改正記載条件)

市販風邪薬成分
A cough/cold medication

1.Caffeine
2.Chlorpheniramine maleate
3.Narcotine
4.Ethenzamide
5.Bucetine

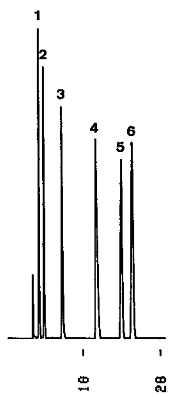


(G910523U)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
250 × 4.6 mm I.D.
Eluent : acetonitrile/methanol/0.1% phosphoric acid (18/15/77)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 3 μ L (10 mg/mL)
Sample : an extract from a commercially available cough/cold preparation

風邪薬成分
Ingredients in a cough/cold medication

1.Acetaminophen
2.Caffeine
3.Chloropheniramine malate
4.Narcotine
5.Ethenzamide
6.Bucetine

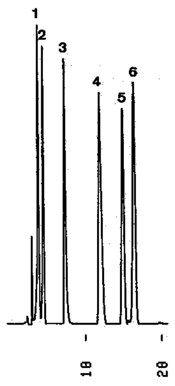


(G910523E)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
250 × 4.6 mm I.D.
Eluent : acetonitrile/methanol/0.1% phosphoric acid (18/15/77)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 10 μ L (0.02～0.22 mg/mL)

風邪薬成分
Ingredients in a cough/cold medication

1.Acetaminophen
2.Caffeine
3.Chloropheniramine malate
4.Narcotine
5.Ethenzamide
6.Bucetine

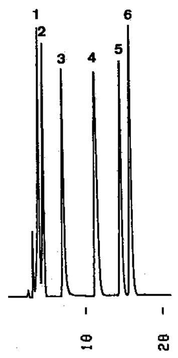


(G910523F)

Column : YMC-Pack ODS-AM (5 μm, 12nm)
150 × 6.0 mm I.D.
Eluent : acetonitrile/methanol/0.1% phosphoric acid (18/15/77)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 17 μL (0.02〜0.22 mg/mL)

風邪薬成分
Ingredients in a cough/cold medication

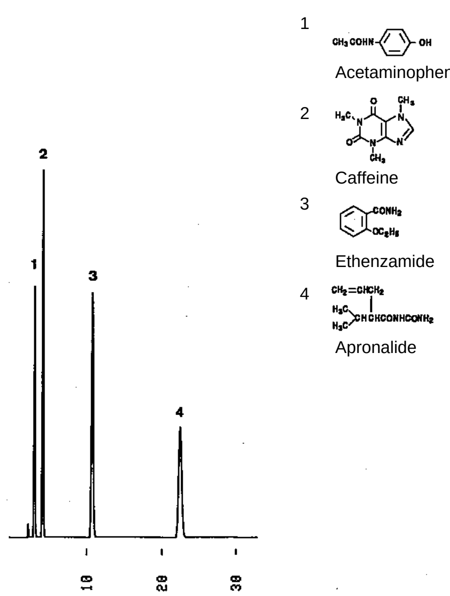
1.Acetaminophen
2.Caffeine
3.Chloropheniramine malate
4.Narcotine
5.Ethenzamide
6.Bucetine



(G910523G)

Column : YMC-Pack ODS-A (5 μm, 12nm)
150 × 6.0 mm I.D.
Eluent : acetonitrile/methanol/0.1% phosphoric acid (18/15/77)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 17 μL (0.02〜0.22 mg/mL)

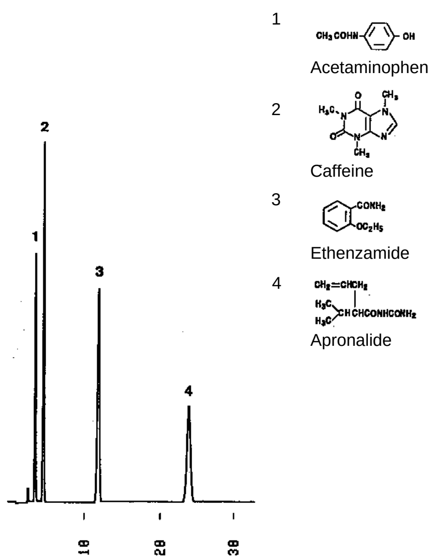
解熱鎮痛薬成分
Analgesics



(S930422D)

Column : YMC-Pack ODS-A (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/water (40/60)
Flow rate : 0.7 mL/min
Temperature : 30 ℃
Detection : UV at 220 nm, 0.51 AUFS
Injection : 5 μL (0.2〜2.0 mg/mL)

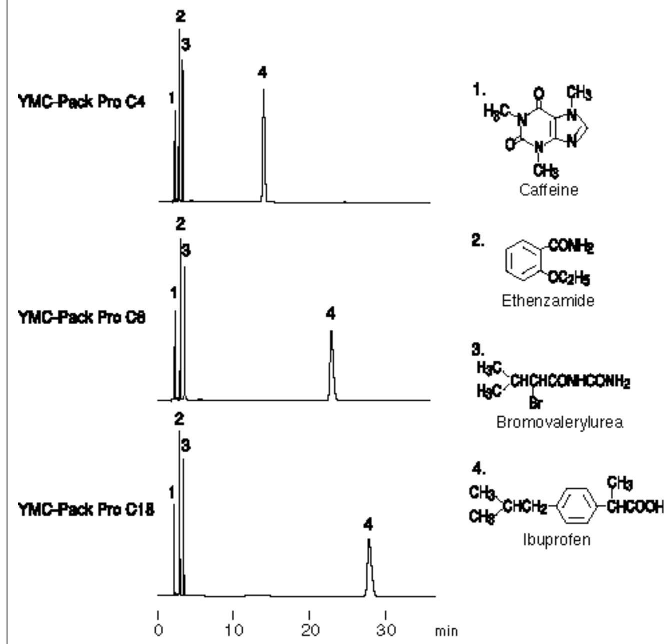
解熱鎮痛薬成分
Analgesics



(S930422G)

Column : YMC-Pack C₈ (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/water (40/60)
Flow rate : 0.7 mL/min
Temperature : 30 ℃
Detection : UV at 220 nm, 0.51 AUFS
Injection : 5 μL (0.2〜2.0 mg/mL)

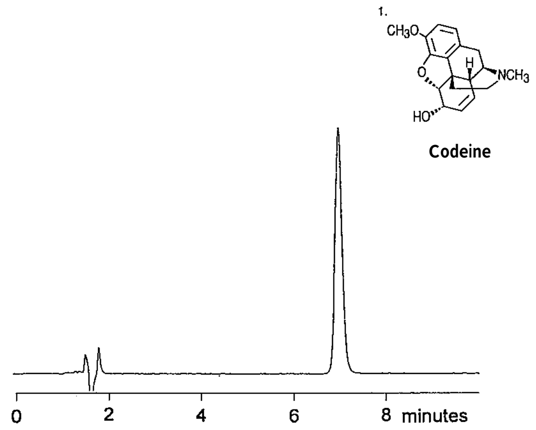
解熱鎮痛薬
Pain-killing drugs



(A001019B)

Column : YMC-Pack Pro C4, Pro C8 and Pro C18 (5 μm,12nm)
150 × 4.6 mm I.D.
Eluent : methanol/20mM H_3PO_4 (60/40)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.32 AUFS
Injection : 10 μL (0.01 - 2.0 mg/mL)

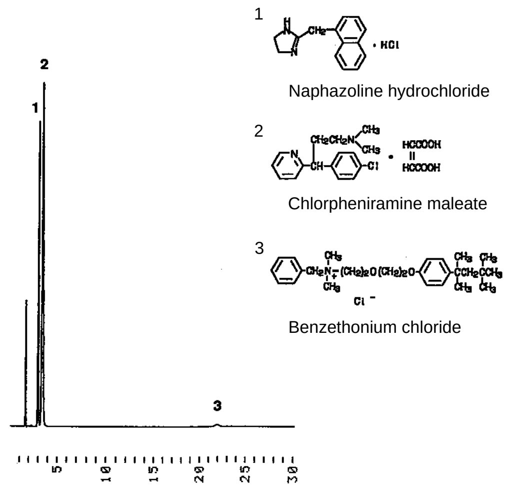
コデイン
Codeine



(J010528A)

Column : YMC-Pack Pro C18 (5 μm,12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/0.05% TFA (10/90)
Flow rate : 1.5 mL/min
Detection : UV at 210 nm
Injection : 5 μL (0.1 mg/mL)

鼻炎用点鼻剤
Collunarium

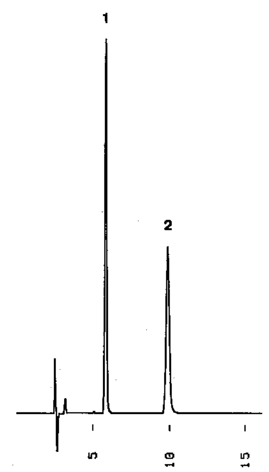


Courtesy of NIHON ARUTU PHARMACEUTICAL CO.,LTD. (Y920610A)

Column : YMC-Pack Ph (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/water/NH_4SCN (48/52/0.5, v/v/w)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 270 nm, 2.56 AUFS
Injection : 10 μL (0.2〜5 mg/mL)
Sample : collunarium

塩酸ナファゾリンとマレイン酸クロルフェニラミン
Naphazoline hydrochloride and chlorpheniramine maleate

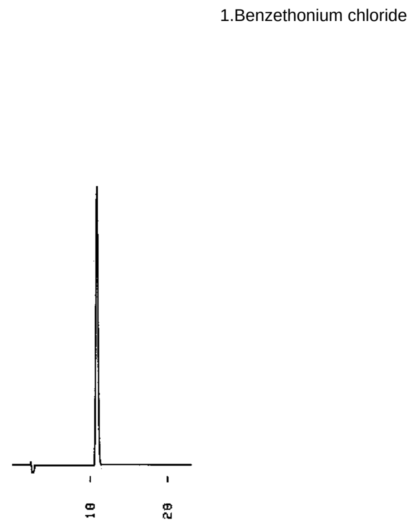
1.Naphazoline hydrochloride
2.Chlorpheniramine maleate



Courtesy of NIHON ARUTU PHARMACEUTICAL CO.,LTD. (T920526A)

Column : YMC-Pack ODS-AM (5 μm, 12nm)
150 × 6.0 mm I.D.
Eluent : acetonitrile/water/NH_4SCN (35/65/0.5, v/v/w)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 10 μL (0.125 mg/mL)

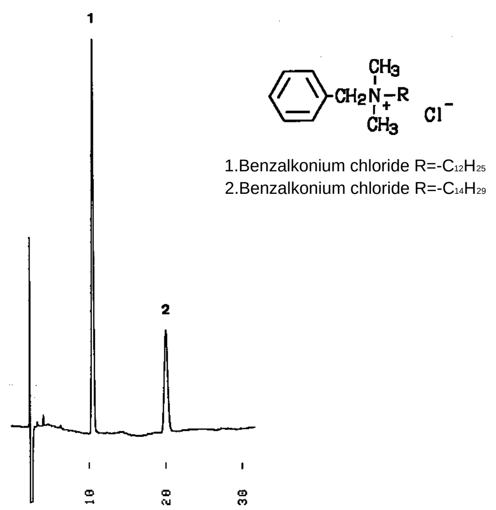
塩化ベンゼトニウム
Benzethonium chloride



Courtesy of NIHON ARUTU PHARMACEUTICAL CO.,LTD. (T920527A)

Column	: YMC-Pack ODS-AM (5 µm, 12nm) 150 × 6.0 mm I.D.
Eluent	: acetonitrile/water/NH_4SCN (70/30/0.5, v/v/w)
Flow rate	: 1.0 mL/min
Temperature	: 30 ℃
Detection	: UV at 270 nm, 0.16 AUFS
Injection	: 10 µL (1.0 mg/mL)

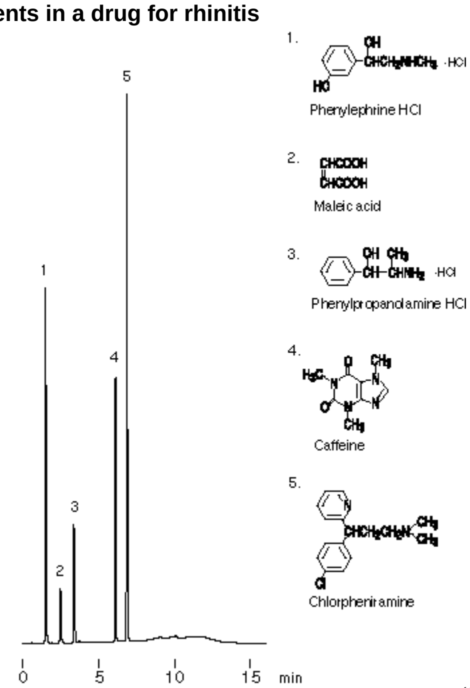
塩化ベンザルコニウム
Benzalkonium chloride



Courtesy of NIHON ARUTU PHARMACEUTICAL CO.,LTD. (T920529D)

Column	: YMC-Pack ODS-AM (5 µm, 12nm) 150 × 6.0 mm I.D.
Eluent	: acetonitrile/water/NH_4SCN (70/30/0.5, v/v/w)
Flow rate	: 1.0 mL/min
Temperature	: 30 ℃
Detection	: UV at 260 nm, 0.02 AUFS
Injection	: 10 µL (1.0 mg/mL benzalkonium chloride)

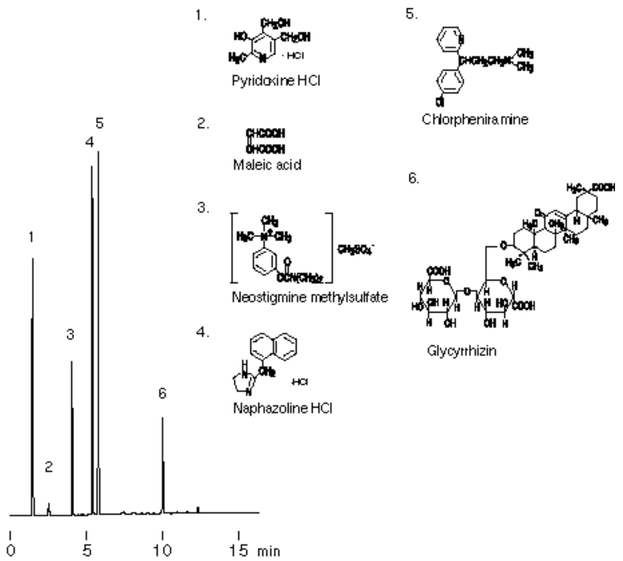
鼻炎薬成分
Ingredients in a drug for rhinitis



(J010418B)

Column	: Hydrosphere C18 (3 µm, 12nm) 50 × 4.6 mm I.D.
Eluent	: A)20mM KH_2PO_4 - H_3PO_4 (pH 2.5) B)acetonitrile 0-40%B(0-10min)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 254 nm, 0.064 AUFS
Injection	: 3 µL (0.02 - 0.5 mg/mL)

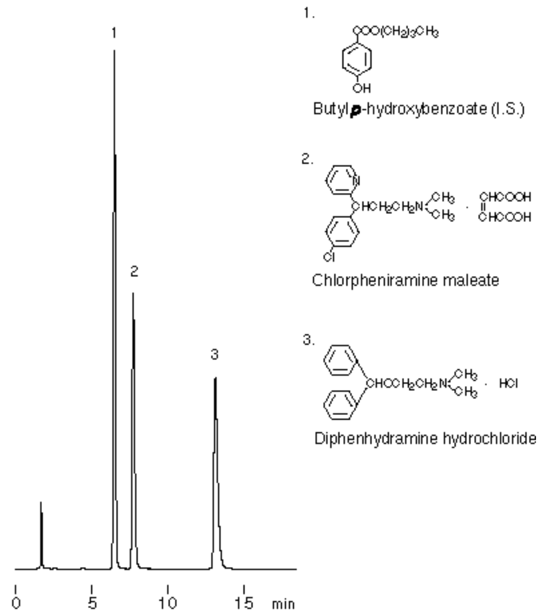
点眼剤成分
Ingredients in an eye drop



(J010406A)

Column	: Hydrosphere C18 (3 µm, 12nm) 50 × 4.6 mm I.D.
Eluent	: A)20mM KH_2PO_4 - H_3PO_4 (pH 2.5) B)acetonitrile 0-60%B(0-10min), 60%B(10-15min)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 265 nm, 0.128 AUFS
Injection	: 5 µL (0.03 - 0.3 mg/mL)

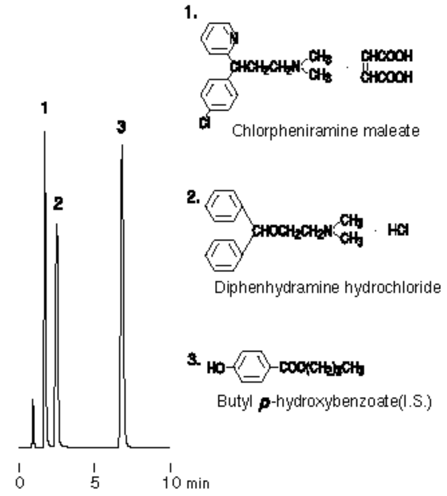
抗ヒスタミン薬
Histamine antagonists



(J010619A)

Column	: YMC-Pack Pro C18 (5 µm, 12nm) 150 × 4.6 mm I.D.
Eluent	: 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9) / methanol (35/65)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 260 nm, 0.13 AUFS
Injection	: 5 µL (0.05 - 2.0 mg/mL)

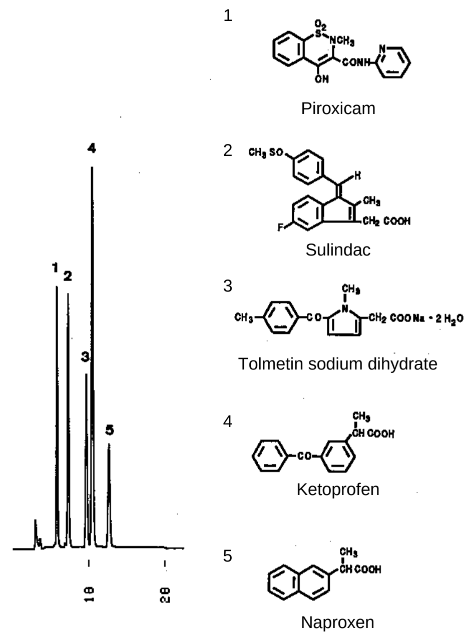
抗ヒスタミン薬
Histamine antagonists



(A980723A)

Column	: YMC-Pack Pro C18 (3 µm, 12nm) 75 × 2.0 mm I.D.
Eluent	: acetonitrile / 50mM CH_3COONH_4 (40/60)
Flow rate	: 0.2 mL/min
Temperature	: 37℃
Detection	: UV at 260 nm, 0.16 AUFS
Injection	: 2 µL (0.05 - 2.0 mg/mL)

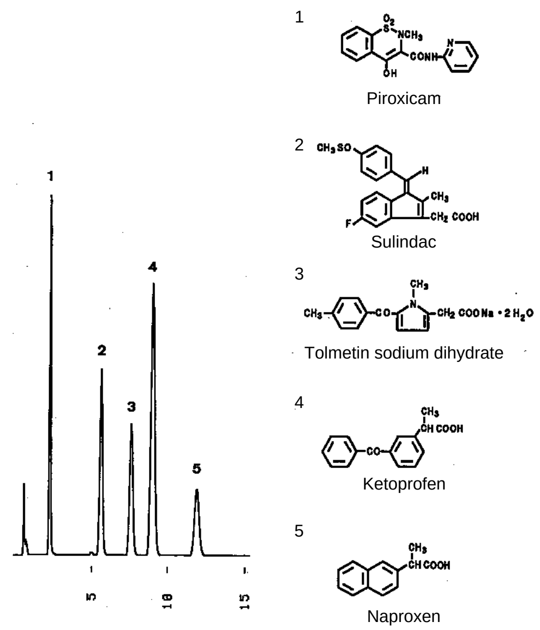
酸性非ステロイド性抗炎症薬
Acidic non-steroidal anti-inflammatory drugs



(O950126A)

Column	: YMC-Pack ODS-AM (5 µm, 12nm) 150 × 4.6 mm I.D.
Eluent	: 1-propanol/water/acetic acid (30/70/1)
Flow rate	: 0.5 mL/min
Temperature	: 37 ℃
Detection	: UV at 260 nm, 0.04 AUFS
Injection	: 3 µL (20 µg/mL)

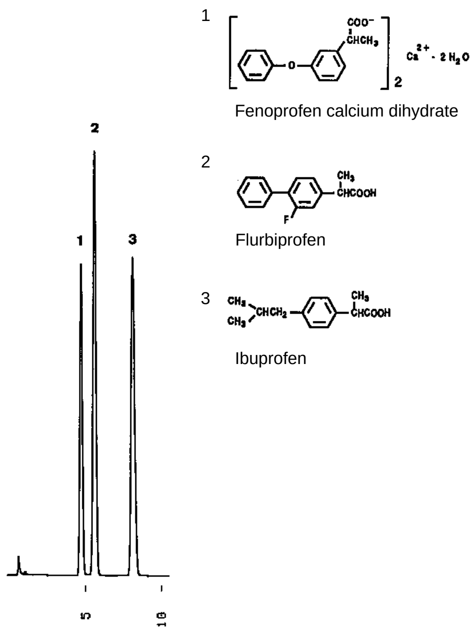
酸性非ステロイド性抗炎症薬
Acidic non-steroidal anti-inflammatory drugs



(O950124A)

Column	: J'sphere ODS-H80 (4 µm, 8nm) 75 × 4.6 mm I.D.
Eluent	: 2-propanol/water/acetic acid (25/75/1)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 260 nm, 0.04 AUFS
Injection	: 5 µL (20 µg/mL)

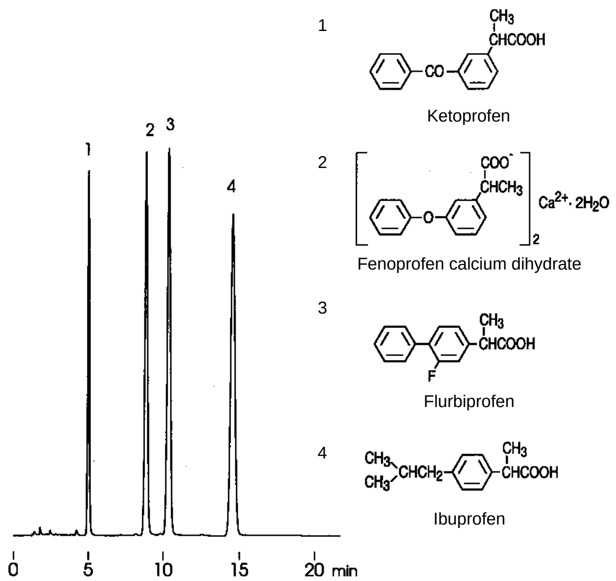
酸性非ステロイド性抗炎症薬
Acidic non-steroidal anti-inflammatory drugs



(O950125C)

Column : J'sphere ODS-H80 (4 µm, 8nm)
75 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (65/35/1)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.04 AUFS
Injection : 7 µL (160, 16, 820 µg/mL)

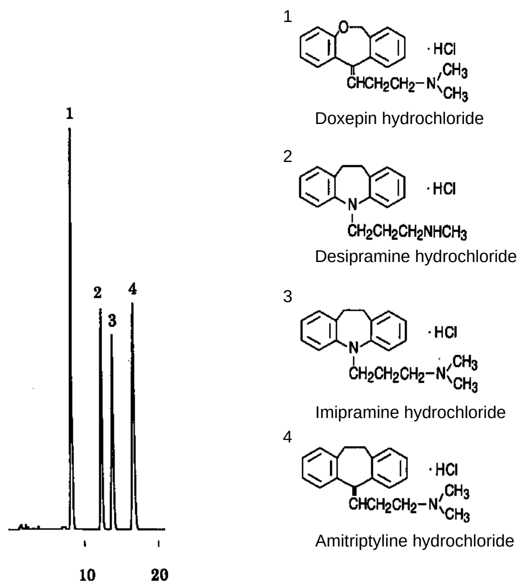
酸性非ステロイド性抗炎症薬
Acidic non-steroidal anti-inflammatory drugs



(A970321A)

Column : YMC-Pack ODS-A (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (65/35/1)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.032 AUFS
Injection : 7 µL (6〜820 µg/mL)

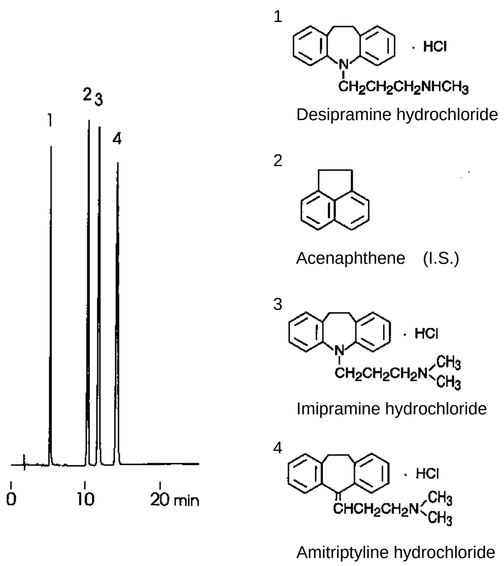
三環系抗うつ薬
Tricyclic antidepressants



(D960724A)

Column : YMC-Pack Pro C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/50mM $NH_4H_2PO_4$ (30/70)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 215 nm, 0.13 AUFS
Injection : 2 µL (0.125 mg/mL)

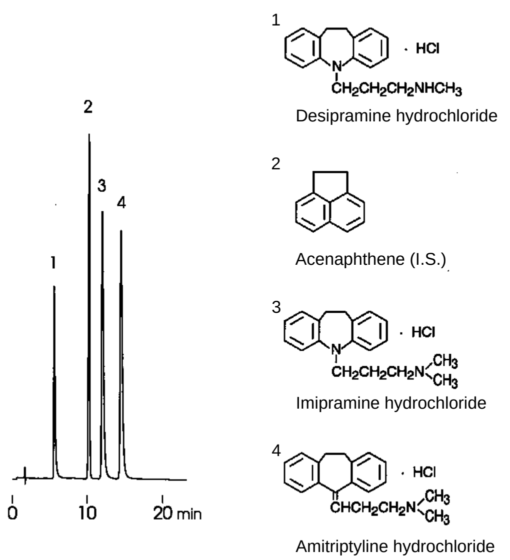
三環系抗うつ薬
Tricyclic antidepressants



(A961015G)

Column : YMC-Pack Pro C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9)/methanol (25/75)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 5 µL (0.1〜0.5 mg/mL)

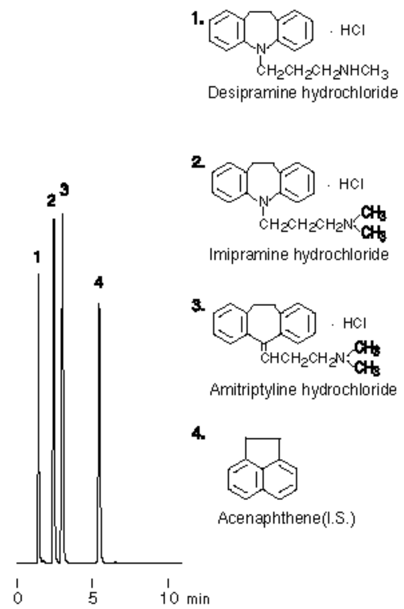
三環系抗うつ薬
Tricyclic antidepressants



(A961016B)

Column : YMC-Pack ODS-AM (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9)/methanol (25/75)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 5 µL (0.1〜0.5 mg/mL)

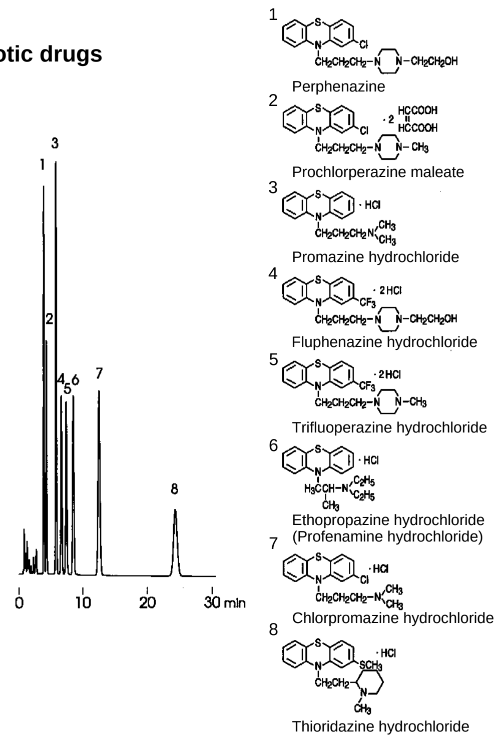
三環系抗うつ薬
Tricyclic antidepressants



(A980827E)

Column : YMC-Pack Pro C18 (3 µm, 12nm)
75 × 4.6 mm I.D.
Eluent : methanol / 20mM CH_3COONH_4 (75/25)
Flow rate : 1.0 mL/min
Temperature : 37℃
Detection : UV at 254 nm, 0.32 AUFS
Injection : 5 µL (0.1-0.5 mg/mL)

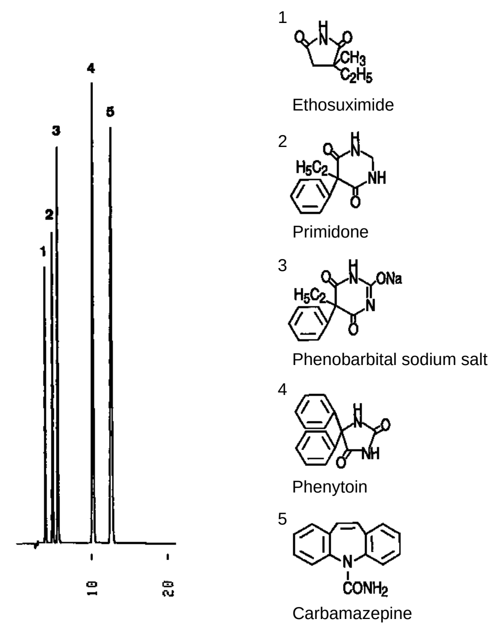
抗精神病薬
Antipsychotic drugs



(O950627B)

Column : J'sphere ODS-H80 (4 µm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/water/TFA (30/70/0.1)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.064 AUFS
Injection : 5 µL (0.02 mg/mL)

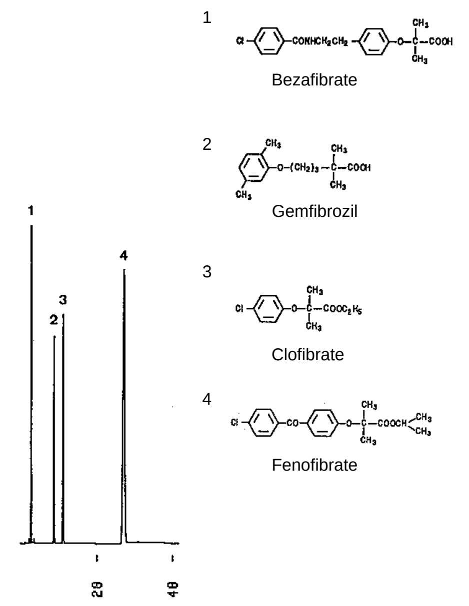
抗てんかん薬
Antiepileptics



(S960723A)

Column : YMC-Pack Pro C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$ - $(NH_4)_2HPO_4$ (pH 6.7)/methanol (50/50)
Flow rate : 0.7 mL/min
Temperature : 37 ℃
Detection : UV at 215 nm, 0.32 AUFS
Injection : 8 µL (0.035〜0.7 mg/mL)

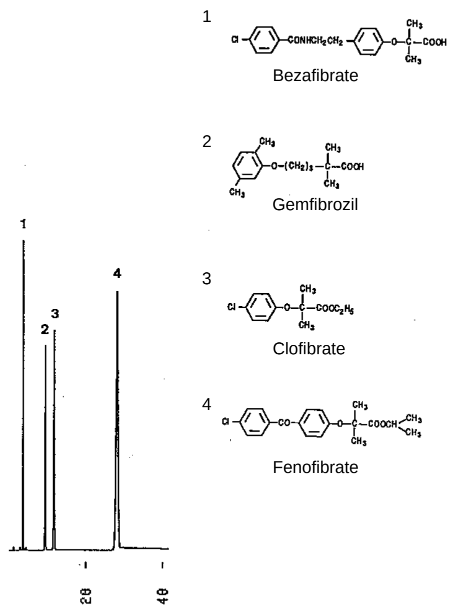
抗高脂血症剤
Hypolipidemic drugs



(S930706E)

Column	: J'sphere ODS-H80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/water/acetic acid(60/40/1)
Flow rate	: 1.0 mL/min
Temperature	: 30 ℃
Detection	: UV at 275 nm, 0.064 AUFS
Injection	: 8 μL (0.05～0.25 mg/mL)

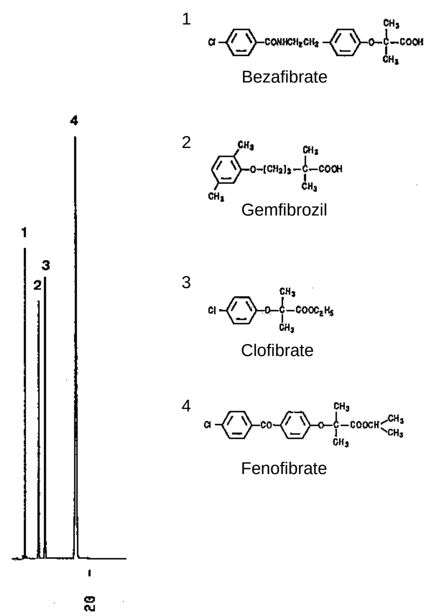
抗高脂血症剤
Hypolipidemic drugs



(S930706C)

Column	: J'sphere ODS-M80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/water/acetic acid(60/40/1)
Flow rate	: 1.0 mL/min
Temperature	: 30 ℃
Detection	: UV at 275 nm, 0.064 AUFS
Injection	: 8 μL (0.05～0.25 mg/mL)

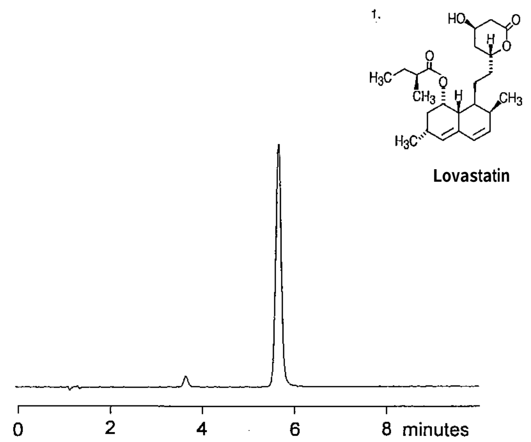
抗高脂血症剤
Hypolipidemic drugs



(S930706B)

Column	: J'sphere ODS-L80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/water/acetic acid(60/40/1)
Flow rate	: 1.0 mL/min
Temperature	: 30 ℃
Detection	: UV at 275 nm, 0.064 AUFS
Injection	: 8 μL (0.05～0.25 mg/mL)

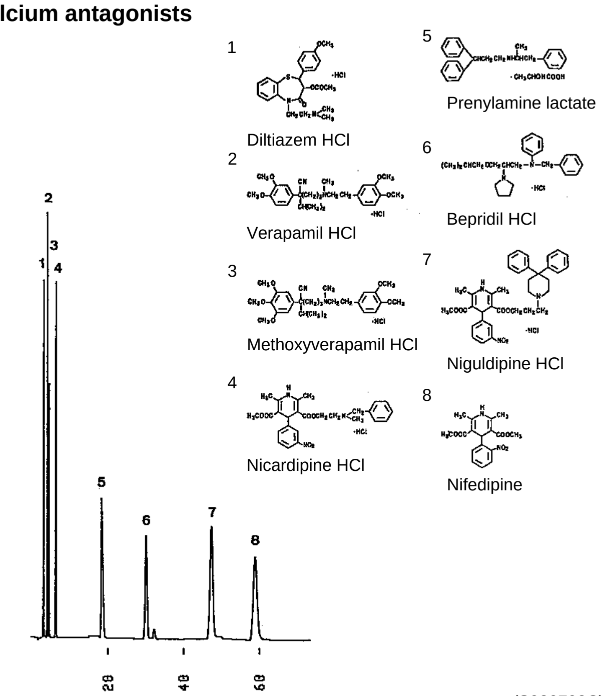
ロバスタチン
Lovastatin



(J010528B)

Column	: YMC-Pack Pro C18 (5 μm,12nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/0.05% formic acid (30/70)
Flow rate	: 1.5 mL/min
Detection	: UV at 240 nm
Injection	: 5 μL (0.1 mg/mL)

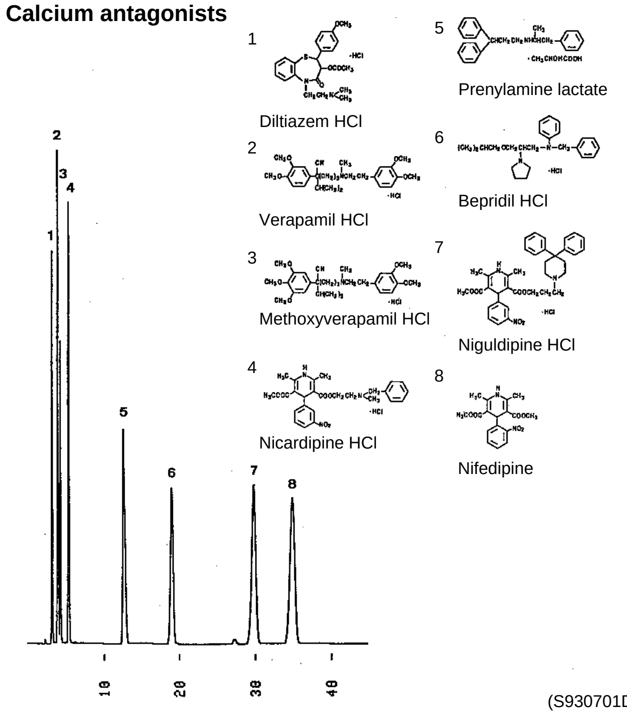
カルシウム拮抗薬
Calcium antagonists



(S930702C)

Column	: J'sphere ODS-H80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: 20mM KH_2PO_4 - H_3PO_4 (pH 3.0)/acetonitrile/THF/TBA・Br (75/15/10/0.5, v/v/v/w)
Flow rate	: 0.8 mL/min
Temperature	: 30 ℃
Detection	: UV at 270 nm, 0.064 AUFS
Injection	: 8 μL (0.05～1.4 mg/mL)

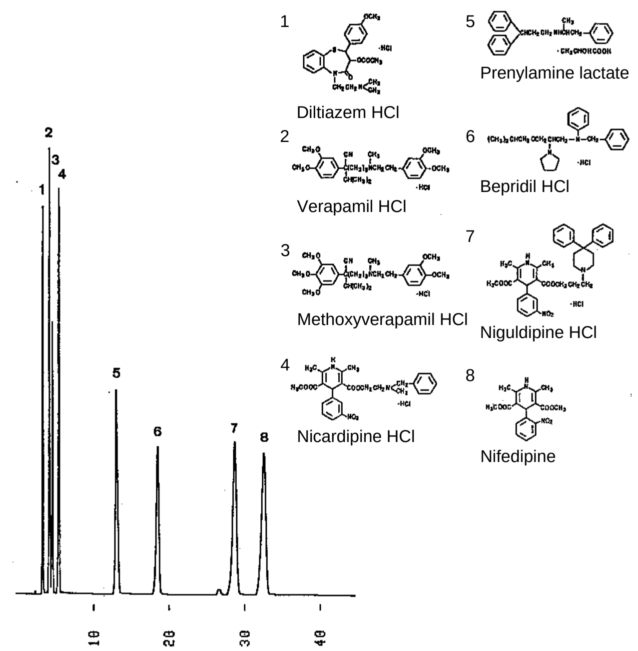
カルシウム拮抗薬
Calcium antagonists



(S930701D)

Column	: J'sphere ODS-M80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: 20mM KH_2PO_4 - H_3PO_4 (pH 3.0)/acetonitrile/THF/TBA・Br (70/20/10/0.35, v/v/v/w)
Flow rate	: 0.8 mL/min
Temperature	: 30 ℃
Detection	: UV at 270 nm, 0.064 AUFS
Injection	: 8 μL (0.05～1.4 mg/mL)

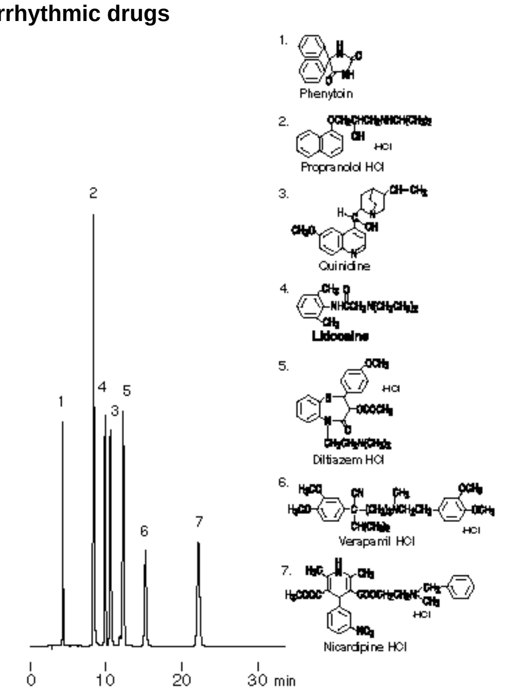
カルシウム拮抗薬
Calcium antagonists



(S930702A)

Column	: J'sphere ODS-L80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: 20mM KH_2PO_4 - H_3PO_4 (pH 3.0)/acetonitrile/THF/TBA・Br (70/20/10/0.35, v/v/v/w)
Flow rate	: 0.8 mL/min
Temperature	: 30 ℃
Detection	: UV at 270 nm, 0.064 AUFS
Injection	: 8 μL (0.05～1.4 mg/mL)

不整脈治療薬
Antiarrhythmic drugs

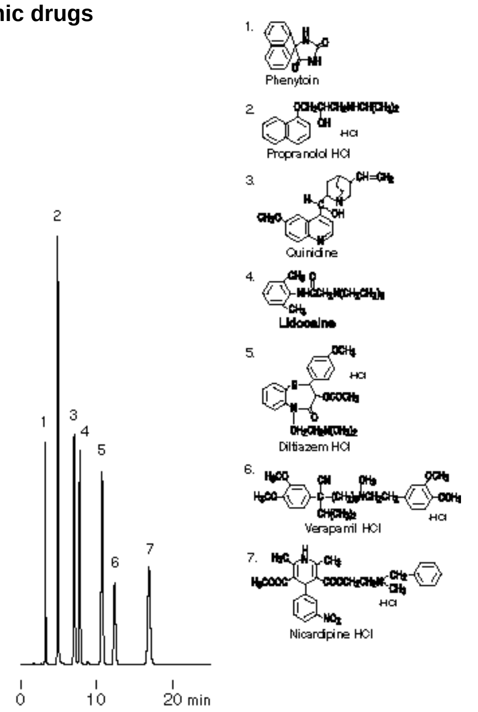


(S990819B)

Column	: YMC-Pack Pro C18 (5 μm, 12nm) 250 × 4.6 mm I.D.
Eluent	: 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9) / methanol (30/70)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 220 nm, 0.26 AUFS
Injection	: 5 μL (0.05 - 0.1 mg/mL)

9 医薬品・生体関連物質
9 Drugs, Metabolites

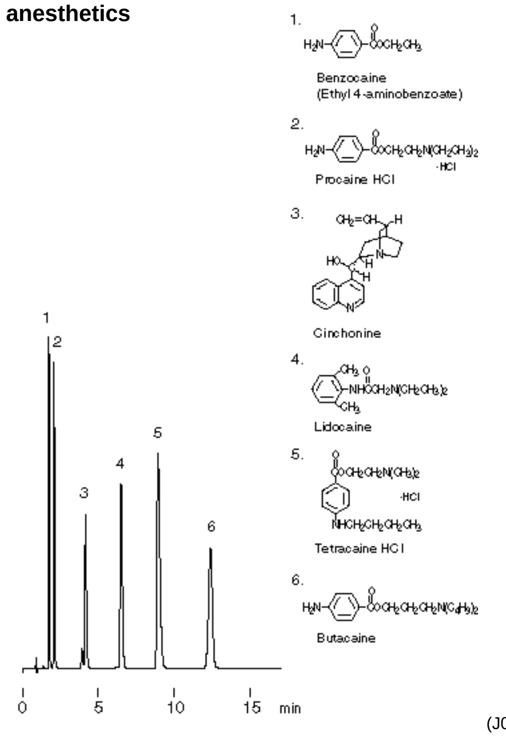
不整脈治療薬
Antiarrhythmic drugs



(S990817C)

Column : YMC-Pack Pro C4 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9) / methanol (40/60)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 220 nm, 0.26 AUFS
Injection : 5 μL (0.05 - 0.1 mg/mL)

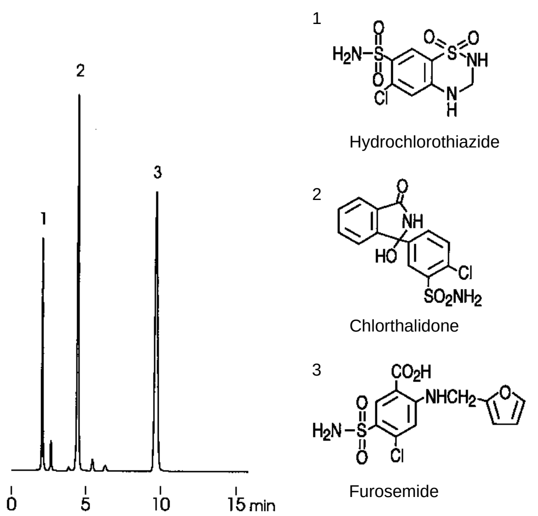
局所麻酔薬
Local anesthetics



(J010302E)

Column : Hydrosphere C18 (3 μm, 12nm)
75 × 4.6 mm I.D.
Eluent : 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9) / methanol (40/60)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 10 μL (0.02 - 0.5 mg/mL)

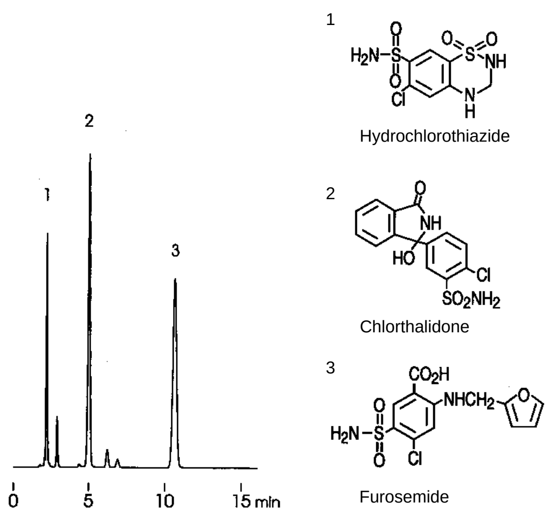
利尿薬
Diuretics



(A970425C)

Column : YMC-Pack Pro C18 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM $NH_4H_2PO_4$ - H_3PO_4(pH 3.2)/methanol (60/40)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 280 nm, 0.16 AUFS
Injection : 15 μL (0.015～0.2mg/mL)

利尿薬
Diuretics

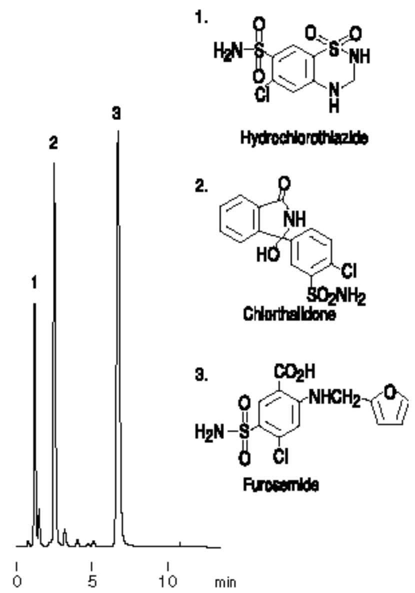


(A970426D)

Column : YMC-Pack ODS-AQ (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM $NH_4H_2PO_4$ - H_3PO_4(pH 3.2)/methanol (60/40)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 280 nm, 0.16 AUFS
Injection : 15 μL (0.015～0.2mg/mL)

9 医薬品、生体関連物質
Drugs, Metabolites

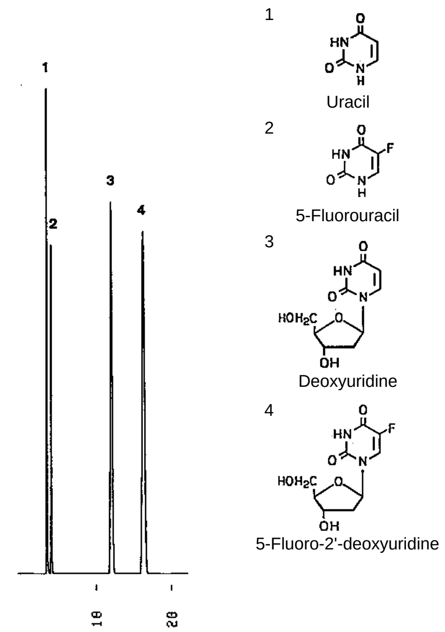
利尿薬
Diuretics



(A980716A)

Column : YMC-Pack Pro C18 (3 μm, 12nm)
75 × 2.0 mm I.D.
Eluent : methanol / 1% acetic acid (40/60)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 280 nm, 0.08 AUFS
Injection : 3 μL (0.015 - 0.2 mg/mL)

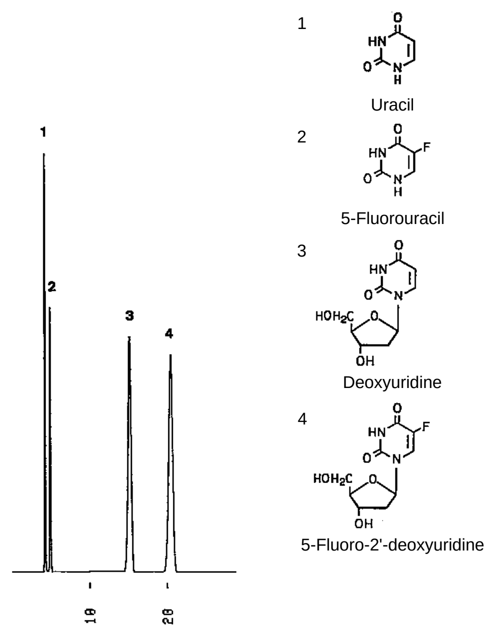
制がん剤および関連化合物
Antineoplastic and related compounds



(T920924E)

Column : YMC-Pack ODS-A (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 10mM $NH_4H_2PO_4$
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 10 μL (0.025～0.2 mg/mL)

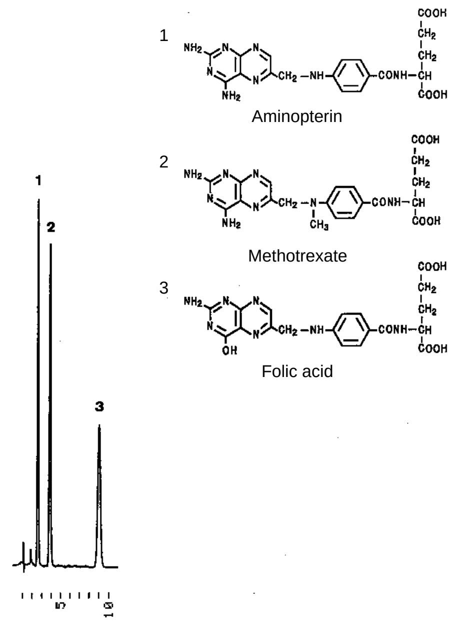
制がん剤および関連化合物
Antineoplastic and related compounds



(T920924G)

Column : YMC-Pack ODS-AQ (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 10mM $NH_4H_2PO_4$
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 10 μL (0.025～0.2 mg/mL)

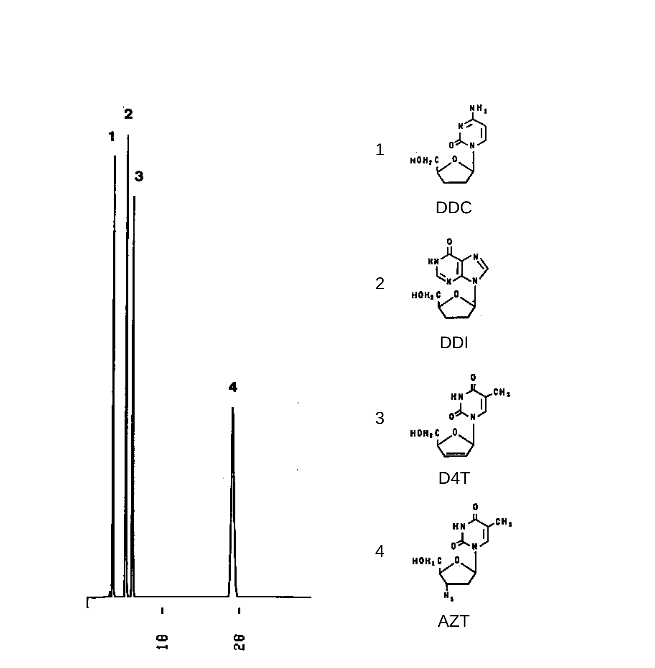
葉酸及び葉酸拮抗物質
Folic acid and its antagonists



(O950411B)

Column : J'sphere ODS-M80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (20/80/1)
Flow rate : 1.0 mL/min
Temperature : ambient(25 ℃)
Detection : UV at 300 nm, 0.04 AUFS
Injection : 5 μL (16 μg/mL)

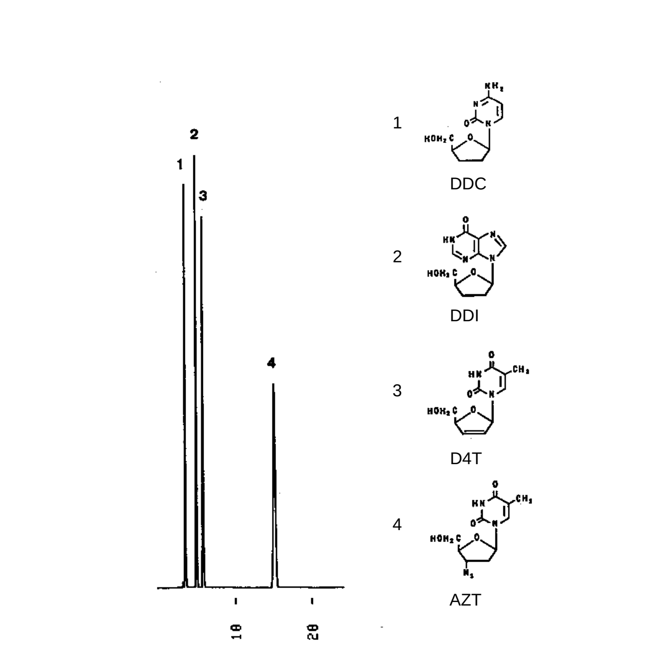
抗HIVヌクレオシド誘導体
Anti-human immunodeficiency virus (HIV) agents



(K930311C)

Column : YMC-Pack ODS-A (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/10mM KH_2PO_4 (10/60)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 7 µL (0.125 mg/mL)

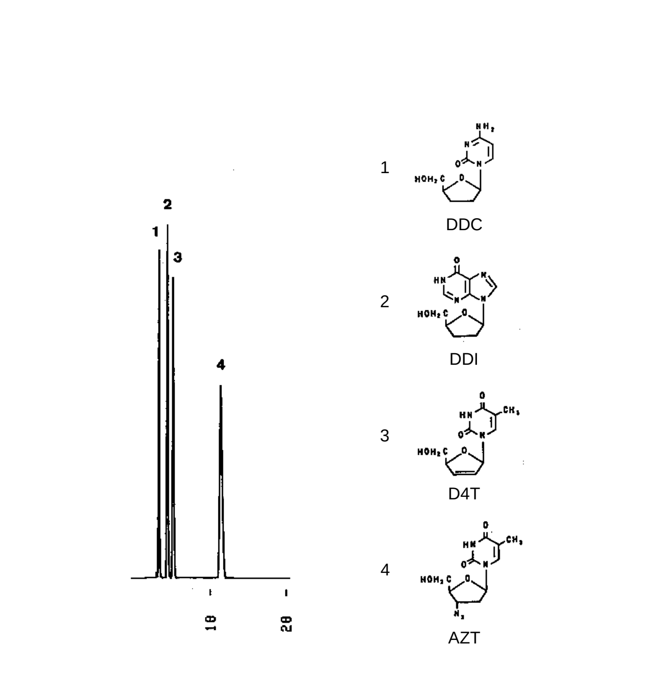
抗HIVヌクレオシド誘導体
Anti-human immunodeficiency virus (HIV) agents



(K930311A)

Column : YMC-Pack C_8 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/10mM KH_2PO_4 (10/60)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 7 µL (0.125 mg/mL)

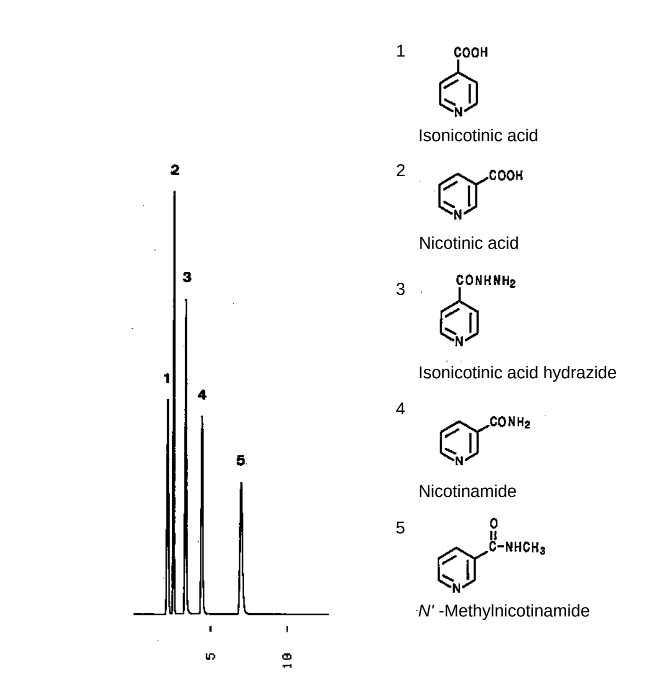
抗HIVヌクレオシド誘導体
Anti-human immunodeficiency virus (HIV) agents



(K930311F)

Column : YMC-Pack C_4 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/10mM KH_2PO_4 (10/60)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 7 µL (0.125 mg/mL)

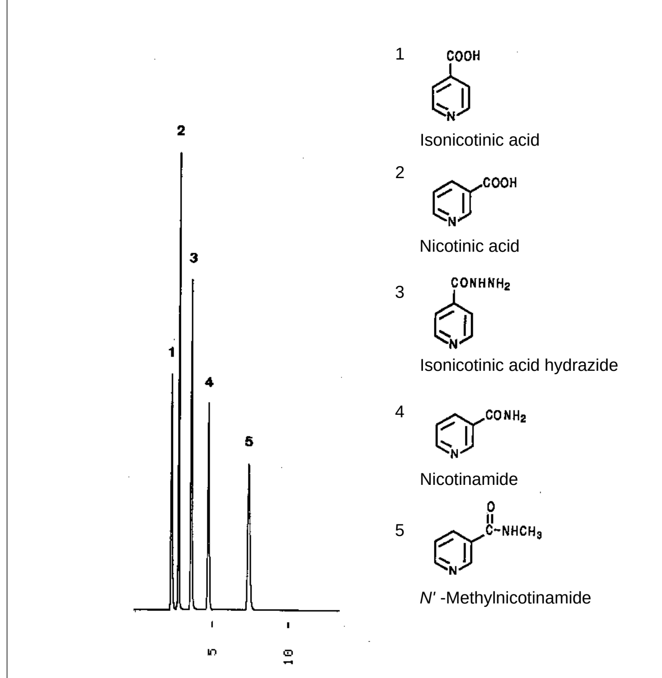
ニコチン酸構造類縁体
Nicotinic acid analogues



(K940125I)

Column : YMC-Pack ODS-A (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/20mM KH_2PO_4 (5/95)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 260 nm, 0.64 AUFS
Injection : 13 µL (0.2 mg/mL)

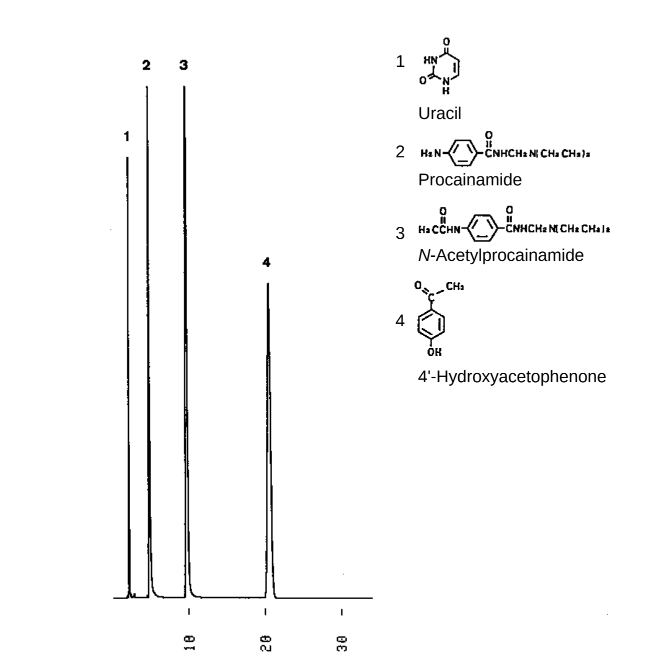
ニコチン酸構造類縁体
Nicotinic acid analogues



(K940125K)

Column : YMC-Pack C_8 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/20mM KH_2PO_4 (5/95)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 260 nm, 0.64 AUFS
Injection : 13 µL (0.2 mg/mL)

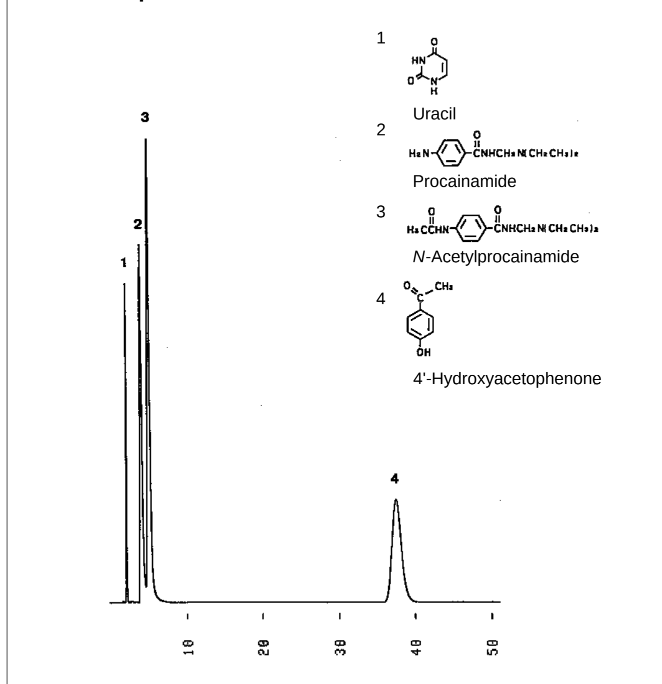
塩基性化合物
Basic compounds



(T931217C)

Column : YMC-Pack ODS-AM (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM K_2HPO_4 - KH_2PO_4 (pH 6.9)/acetonitrile (92/8)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.32 AUFS
Injection : 10 µL (30〜300 µg/mL)

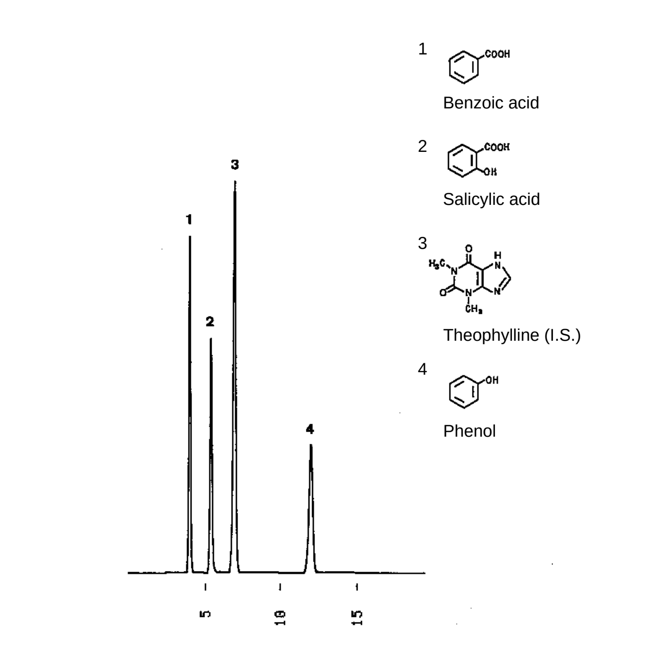
塩基性化合物
Basic compounds



(T931217B)

Column : YMC-Pack PolymerC18
150 × 4.6 mm I.D.
Eluent : 20mM K_2HPO_4 - KH_2PO_4 (pH 6.9)/acetonitrile (92/8)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.32 AUFS
Injection : 10 µL (30〜300 µg/mL)

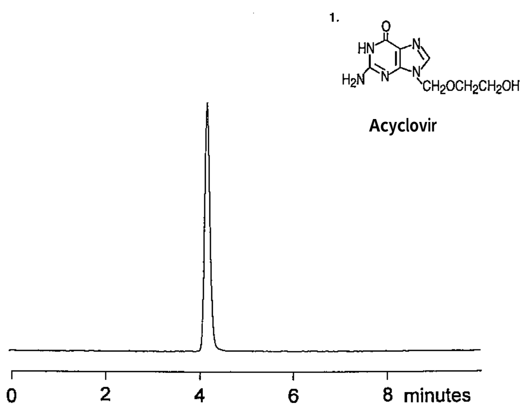
殺菌薬
Disinfectants



(S930617D)

Column : YMC-Pack ODS-AL (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 100mM KH_2PO_4 - Na_2HPO_4 (pH 7.0)/methanol (75/25)
Flow rate : 0.8 mL/min
Temperature : 30 ℃
Detection : UV at 270 nm, 0.13 AUFS
Injection : 3 µL (0.1〜0.8 mg/mL)
日本薬局方第12改正記載条件

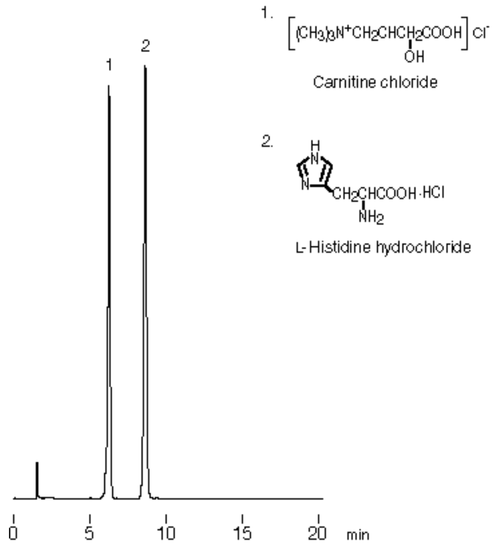
アシクロビル
Acyclovir



(J010528C)

Column : YMC-Pack Pro C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile / 0.05% formic acid (3 / 97)
Flow rate : 1.5 mL/min
Detection : UV at 254 nm
Injection : 5 µL (0.1 mg/mL)

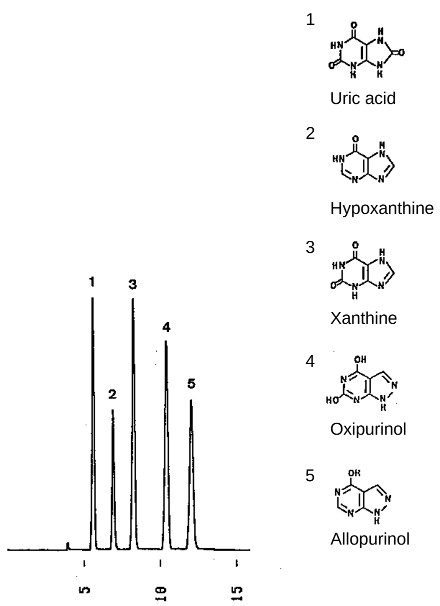
塩化カルニチン
Carnitine chloride



(F000629A)

Column : Hydrosphere C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 50mM NaH_2PO_4-H_3PO_4(pH2.6)
containing 15mM 1-pentanesulfonic acid sodium salt
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 210 nm, 0.064 AUFS
Injection : 4 µL (0.2～20 mg/mL)

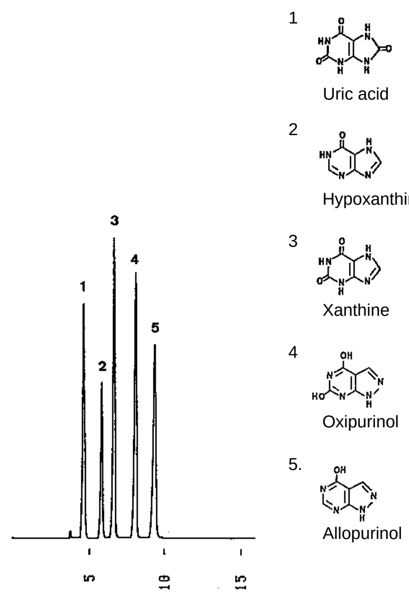
キサンチンオキシダーゼ阻害剤および関連化合物
Xanthine oxidase inhibitor and related compounds



(S930728J)

Column : J'sphere ODS-M80 (4 µm, 8nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.51 AUFS
Injection : 8 µL (0.05～0.2 mg/mL)

キサンチンオキシダーゼ阻害剤および関連化合物
Xanthine oxidase inhibitor and related compounds

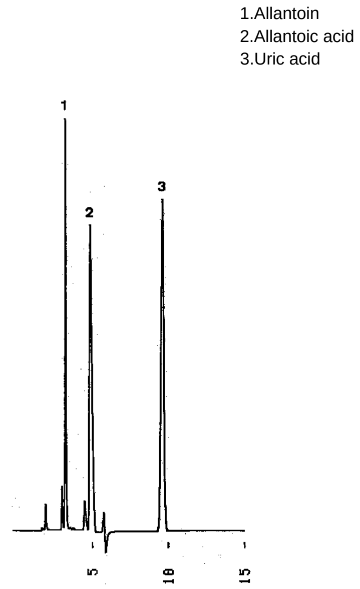


(S930729B)

Column : J'sphere ODS-L80 (4 µm, 8nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.51 AUFS
Injection : 8 µL (0.05～0.2 mg/mL)

9 医薬品、生体関連物質
Drugs, Metabolites

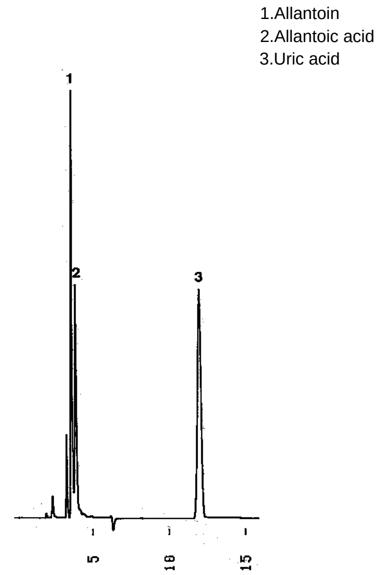
プリン代謝物
Purine catabolites



(G910607G)

Column : YMC-Pack ODS-AM (5 µm, 12nm)
150 × 6.0 mm I.D.
Eluent : 10mM CH_3COOH
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 200 nm, 0.16 AUFS
Injection : 4 µL (0.10～0.71 mg/mL)

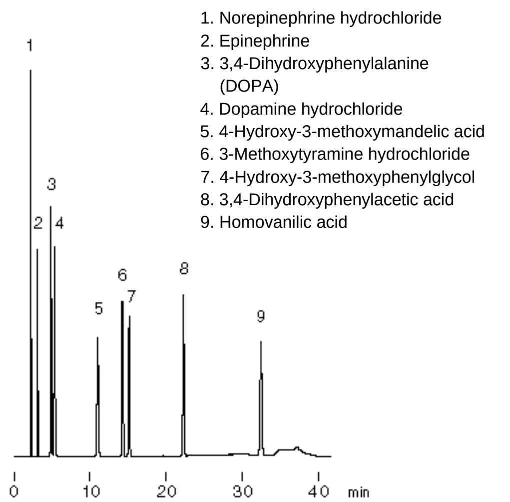
プリン代謝物
Purine catabolites



(G910618A)

Column : YMC-Pack ODS-AQ (5 µm, 12nm)
150 × 6.0 mm I.D.
Eluent : 10mM CH_3COOH
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 200 nm, 0.16 AUFS
Injection : 4 µL (0.10～0.71 mg/mL)

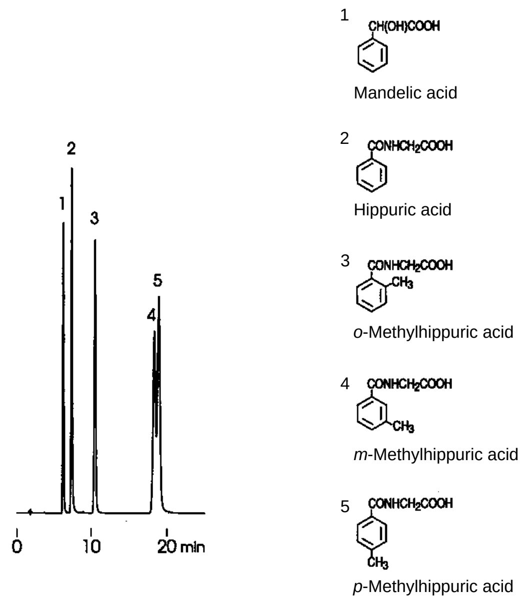
カテコールアミン
Catecholamines



(F000817A)

Column : Hydrosphere C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : A)50mM KH_2PO_4-H_3PO_4(pH 3.1)
B)50mM KH_2PO_4-H_3PO_4(pH 3.1)/acetonitrile (90/10)
0%B (0-5min), 0-100%B (5-25min,linear), 100%B (25-35min)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 280 nm, 0.64 AUFS
Injection : 10 µL (0.15 - 0.25 mg/mL)

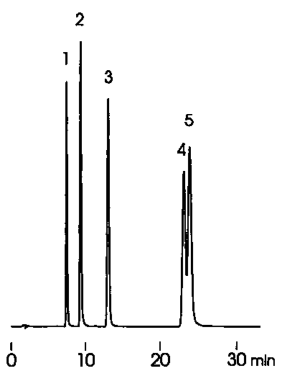
馬尿酸類
Hippuric and methylhippuric acids

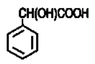


(A961114A)

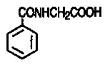
Column : YMC-Pack Pro C18 (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM $NH_4H_2PO_4$ - H_3PO_4 (pH 3.2)/methanol (80/20)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 225 nm, 0.16 AUFS
Injection : 10 µL (0.04～0.07 mg/mL)

馬尿酸類
Hippuric and methylhippuric acids

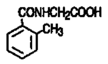


1


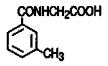
Mandelic acid

2


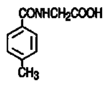
Hippuric acid

3


o-Methylhippuric acid

4


m-Methylhippuric acid

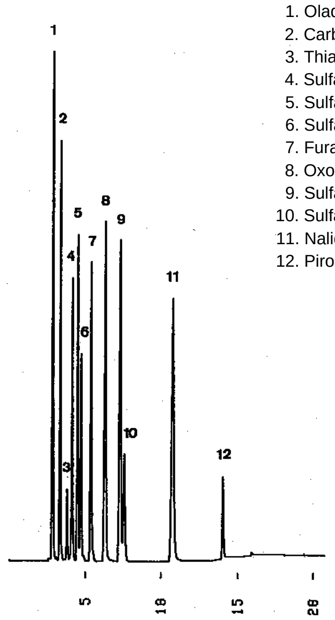
5


p-Methylhippuric acid

(A961119A)

Column	: J'sphere ODS-M80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent	: 20mM $NH_4H_2PO_4$ - H_3PO_4 (pH 3.2)/methanol (80/20)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 225 nm, 0.16 AUFS
Injection	: 10 μL (0.04～0.07 mg/mL)

合成抗菌剤
Antibacterial agents

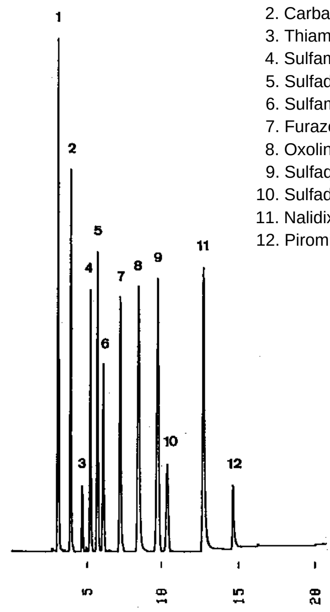


1. Olaquindox
2. Carbadox
3. Thiamphenicol
4. Sulfamerazine
5. Sulfadimidine
6. Sulfamonomethoxine
7. Furazolidone
8. Oxolinic acid
9. Sulfaquinoxaline
10. Sulfadimethoxine
11. Nalidixic acid
12. Piromidic acid

(K940614B)

Column	: YMC-Pack ODS-A (5 μm, 12nm) 250 × 4.6 mm I.D.
Eluent	: A)acetonitrile/50mM $NH_4H_2PO_4$ (10/90) B)acetonitrile/50mM $NH_4H_2PO_4$ (80/20) 25%B (0-5min), 25-100%B (5-15min), 100%B (15-20min)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 240 nm, 0.32 AUFS
Injection	: 10 μL (0.05 mg/mL)

合成抗菌剤
Antibacterial agents

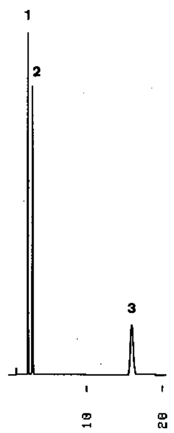


1. Olaquindox
2. Carbadox
3. Thiamphenicol
4. Sulfamerazine
5. Sulfadimidine
6. Sulfamonomethoxine
7. Furazolidone
8. Oxolinic acid
9. Sulfaquinoxaline
10. Sulfadimethoxine
11. Nalidixic acid
12. Piromidic acid

(K940615C)

Column	: J'sphere ODS-L80 (4 μm, 8nm) 250 × 4.6 mm I.D.
Eluent	: A)acetonitrile/50mM $NH_4H_2PO_4$ (10/90) B)acetonitrile/50mM $NH_4H_2PO_4$ (80/20) 25%B (0-5min), 25-100%B (5-15min), 100%B (15-20min)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 240 nm, 0.32 AUFS
Injection	: 10 μL (0.05 mg/mL)

合成抗菌剤
Antibacterial agents



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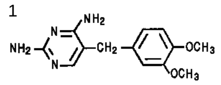
Diaveridine

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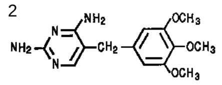
Trimethoprim

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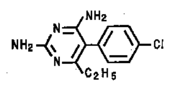
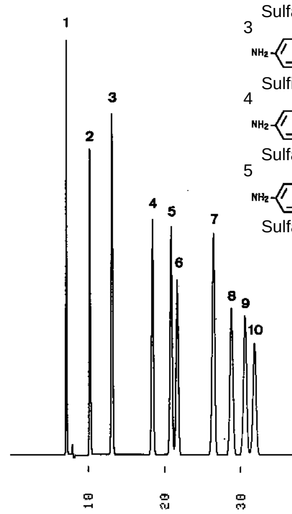

Pyrimethamine

(O950320G)

Column	: J'sphere ODS-M80 (4 μm, 8nm) 75 × 4.6 mm I.D.
Eluent	: acetonitrile/50mM $NH_4H_2PO_4$ (15/85)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 230 nm, 0.16 AUFS
Injection	: 5 μL (20 μg/mL)

サルファ剤
Sulfonamides



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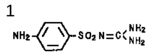
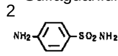

Sulfaguanidine

2

Sulfanilamide

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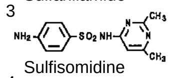
Sulfisomidine

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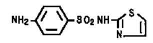
Sulfathiazole

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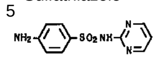
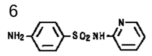

Sulfadiazine

6

Sulfapyridine

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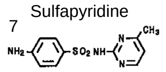
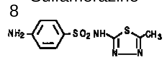
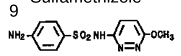

Sulfamerazine

8

Sulfamethizole

9

Sulfamethoxypyridazine

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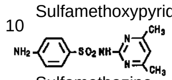
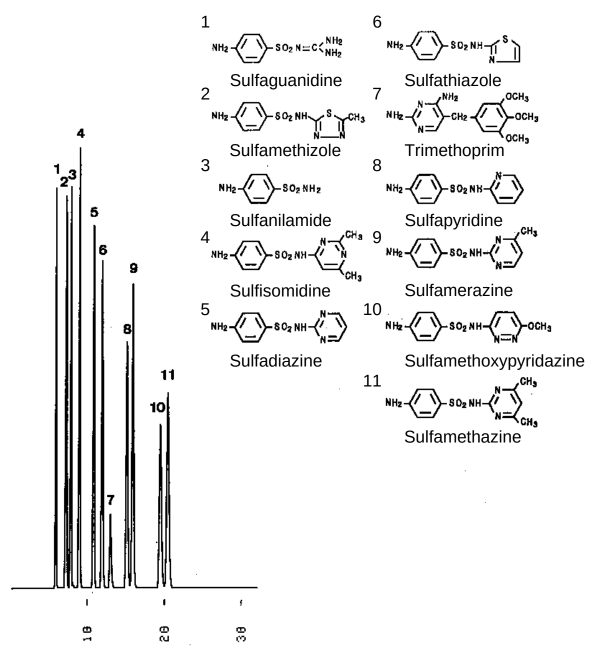

Sulfamethazine

(O950306E)

Column	: J'sphere ODS-M80 (4 μm, 8nm) 250 × 4.6 mm I.D.
Eluent	: THF/50mM $NH_4H_2PO_4$ (10/90)
Flow rate	: 0.5 mL/min
Temperature	: 37 ℃
Detection	: UV at 275 nm, 0.16 AUFS
Injection	: 3 μL (50 μg/mL)

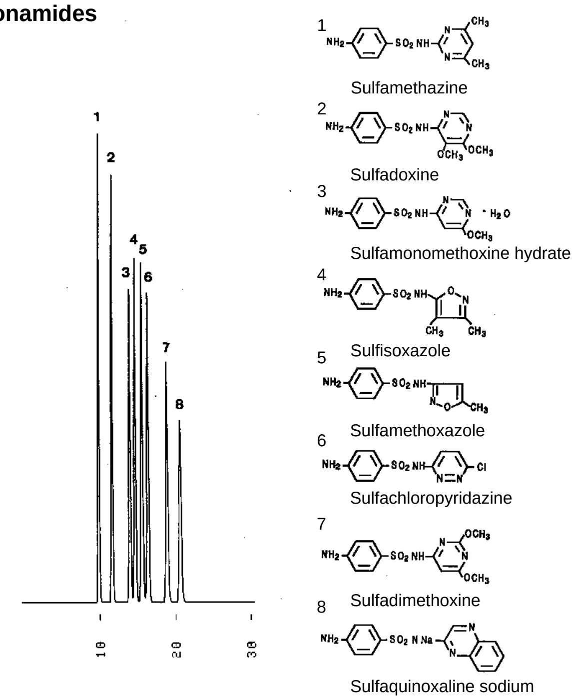
サルファ剤
Sulfonamides



(O950324L)

Column : J'sphere ODS-H80 (4 μ m, 8nm)
250 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$ - $(NH_4)_2HPO_4$ (pH 6.2)/THF (90/10)
Flow rate : 0.5 mL/min
Temperature : 37 ℃
Detection : UV at 275 nm, 0.16 AUFS
Injection : 10 μ L (18 μ g/mL)

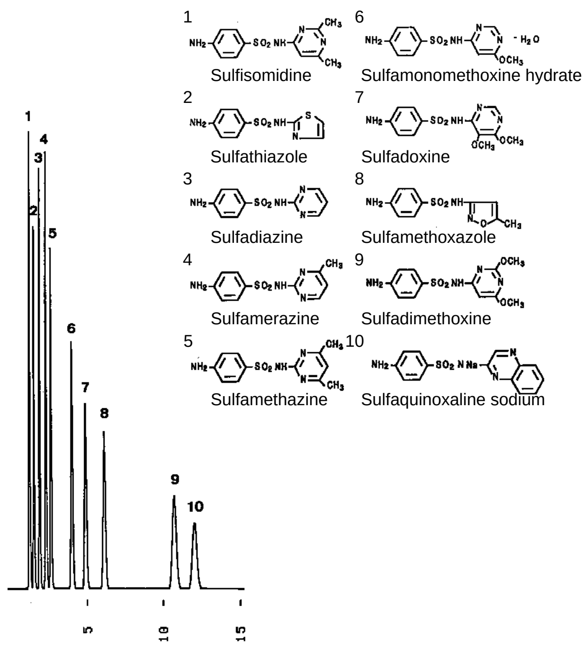
サルファ剤
Sulfonamides



(O950302C)

Column : YMC-Pack ODS-A (5 μ m, 12nm)
250 × 4.6 mm I.D.
Eluent : THF/water/acetic acid (30/70/1)
Flow rate : 0.5 mL/min
Temperature : 37 ℃
Detection : UV at 275 nm, 0.16 AUFS
Injection : 5 μ L (42 μ g/mL)

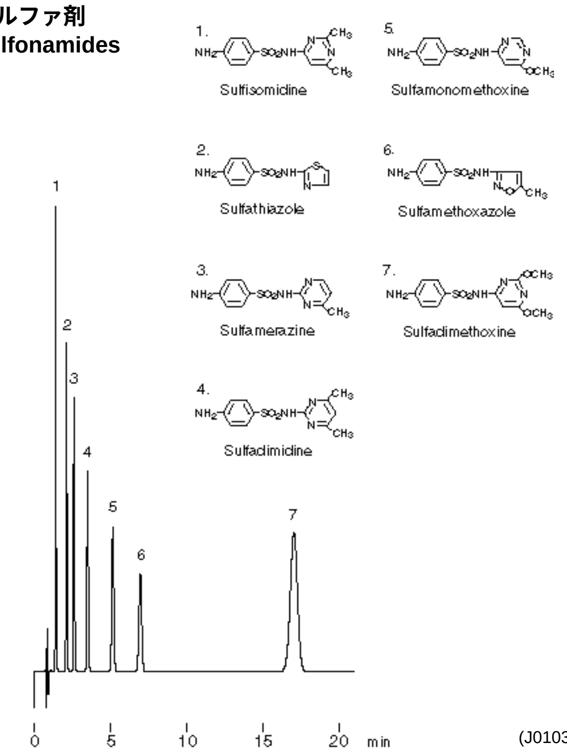
サルファ剤
Sulfonamides



(O950217D)

Column : J'sphere ODS-M80 (4 μ m, 8nm)
75 × 4.6 mm I.D.
Eluent : THF/acetonitrile/50mM $NH_4H_2PO_4$ (15/5/80)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 275 nm, 0.16 AUFS
Injection : 3 μ L (50 μ g/mL)

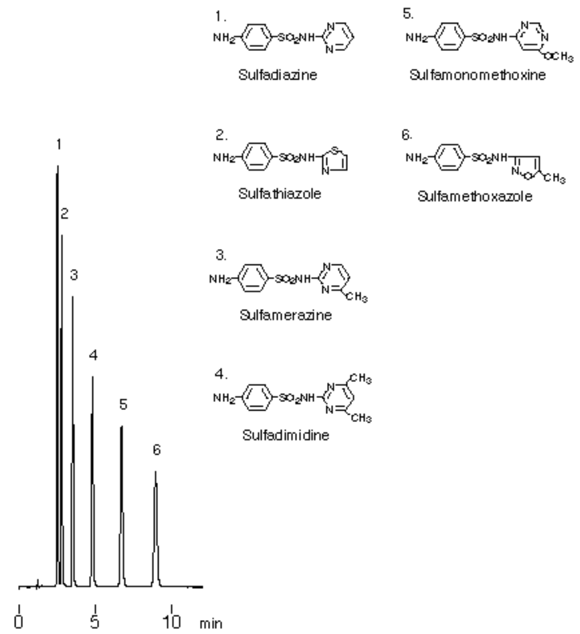
サルファ剤
Sulfonamides



(J010321F)

Column : Hydrosphere C18 (3 μ m, 12nm)
50 × 4.6 mm I.D.
Eluent : 10mM CH_3COOH - CH_3COONH_4 (pH 4.6) / acetonitrile
(85/15)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 275 nm, 0.16 AUFS
Injection : 10 μ L (0.01 - 0.04 mg/mL)

サルファ剤
Sulfonamides

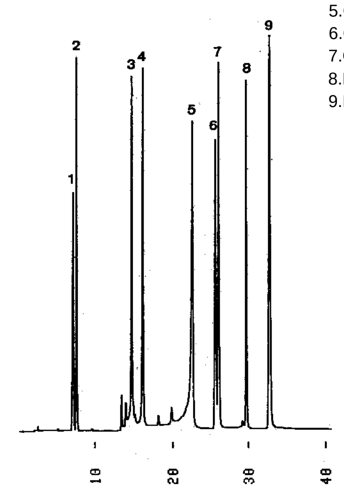


(J010130D)

Column : Hydrosphere C18 (3 μ m, 12nm)
75 × 2.0 mm I.D.
Eluent : 10mM CH_3COOH - CH_3COONH_4 (pH 4.6) / acetonitrile
(85/15)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 275 nm, 0.16 AUFS
Injection : 2 μ L (0.02 mg/mL)

抗生物質
Antibiotics

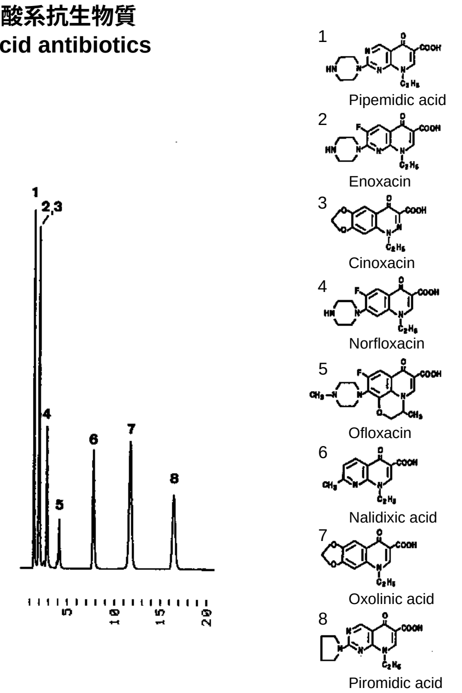
1.Ampicilline
2.Cephalexin
3.Oxytetracycline hydrochloride
4.Tetracycline
5.Chlorotetracycline
6.Chloramphenichol
7.Oxolinic acid
8.Doxorubicin hydrochloride
9.Nalidixic acid



(G910523M)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : A)acetonitrile/50mM $NH_4H_2PO_4$ (10/90)
B)acetonitrile/50mM $NH_4H_2PO_4$ (50/50)
0-55%B (0-30min,linear), 55%B (30-40min)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 250 nm, 0.16 AUFS
Injection : 15 μ L (0.01〜0.15 mg/mL)

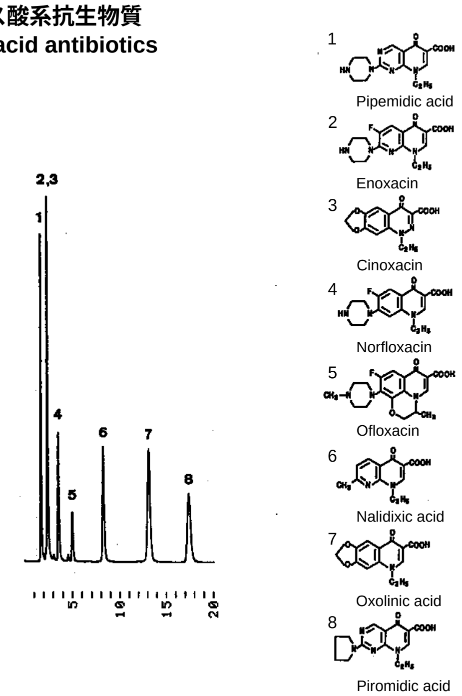
ナリジクス酸系抗生物質
Nalidixic acid antibiotics



(O950428A)

Column : J'sphere ODS-H80 (4 μ m, 8nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$ - $(NH_4)_2HPO_4$ (pH 6.7)/tetrahydrofuran (90/10)
containing 20mM TBA・Br
Flow rate : 1.0 mL/min
Temperature : ambient (25 ℃)
Detection : UV at 260 nm, 0.32 AUFS
Injection : 5 μ L (0.03 mg/mL)

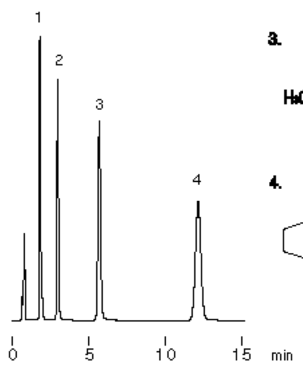
ナリジクス酸系抗生物質
Nalidixic acid antibiotics



(O950428D)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$ - $(NH_4)_2HPO_4$ (pH 6.7)/tetrahydrofuran (90/10)
containing 20mM TBA・Br
Flow rate : 1.0 mL/min
Temperature : ambient (25 ℃)
Detection : UV at 260 nm, 0.32 AUFS
Injection : 5 μ L (0.03 mg/mL)

ナリジクス酸系抗生物質
Nalidixic acid antibiotics



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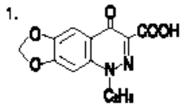
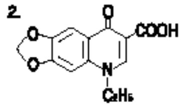
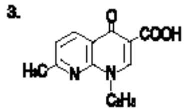
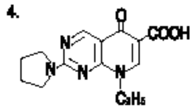

Cinoxacin

2.

Oxolinic acid

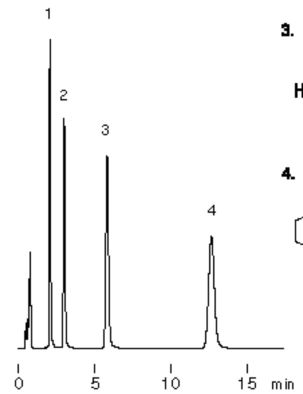
3.

Nalidixic acid

4.

Piromidic acid

(A010324C)

Column : Hydrosphere C18 (3 μm, 12nm)
50 × 2.0 mm I.D.
Eluent : acetonitrile / 50mM NaH_2PO_4 (25/75)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.128 AUFS
Injection : 1 μL (0.02 - 0.1 mg/mL)

ナリジクス酸系抗生物質
Nalidixic acid antibiotics



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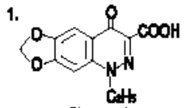
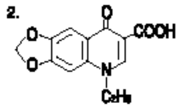

Cinoxacin

2.

Oxolinic acid

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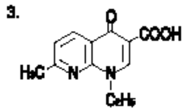
Nalidixic acid

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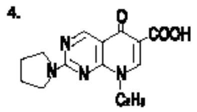
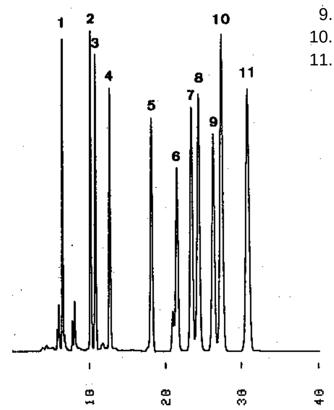

Piromidic acid

(A010324A)

Column : Hydrosphere C18 (3 μm, 12nm)
50 × 2.0 mm I.D.
Eluent : 10mM CH_3COOH - CH_3COONH_4(pH 4.3) / acetonitrile
(75/25)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.128 AUFS
Injection : 1 μL (0.02 - 0.1 mg/mL)

セフェム系抗生物質
Cephalosporin antibiotics

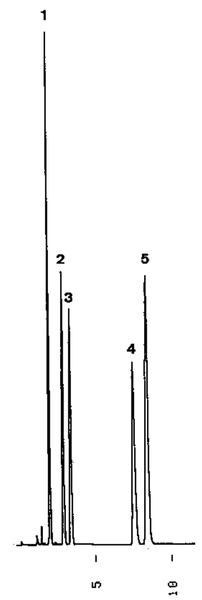


1. Cefsulodin sodium
2. Cephalexin hydrate
3. Cefaclor
4. Cephradine
5. Cephaloglycin
6. Cephapirin sodium
7. Cefotaxime sodium
8. Cephaloridine
9. Cefazolin sodium
10. Cefuroxime sodium
11. Cefoxitin sodium

(O940718B)

Column : J'sphere ODS-L80 (4 μm, 8nm)
250 × 4.6 mm I.D.
Eluent : acetonitrile/100mM KH_2PO_4 (10/90)
Flow rate : 0.8 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 5 μL (0.12～0.35 mg/mL)

セフェム系抗生物質
Cephalosporin antibiotics



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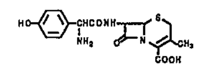
Cefadroxil

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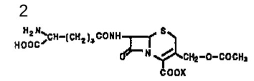
Cephalosporin C potassium

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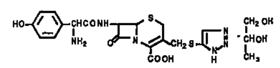
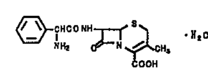

Cefatrizine propylene glycol

4

Cephalexin hydrate

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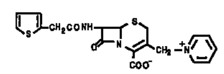
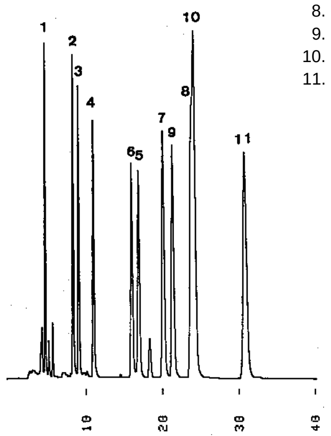

Cephaloridine

(O940927B)

Column : J'sphere ODS-H80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (10/85/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 μL (0.2 mg/mL)

セフェム系抗生物質
Cephalosporin antibiotics

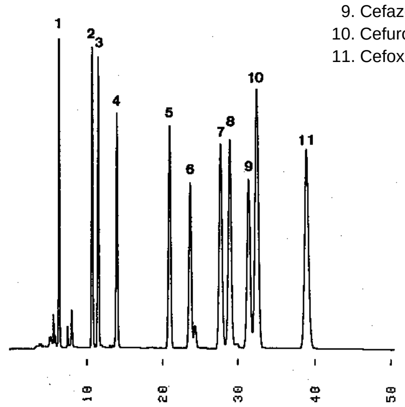


1. Cefsulodin sodium
2. Cephalexin hydrate
3. Cefaclor
4. Cephradine
5. Cephaloglycin
6. Cephapirin sodium
7. Cefotaxime sodium
8. Cephaloridine
9. Cefazolin sodium
10. Cefuroxime sodium
11. Cefoxitin sodium

(O940719A)

Column : J'sphere ODS-H80 (4 μm, 8nm)
250 × 4.6 mm I.D.
Eluent : acetonitrile/100mM KH_2PO_4 (10/90)
Flow rate : 0.8 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 5 μL (0.12～0.35 mg/mL)

セフェム系抗生物質
Cephalosporin antibiotics

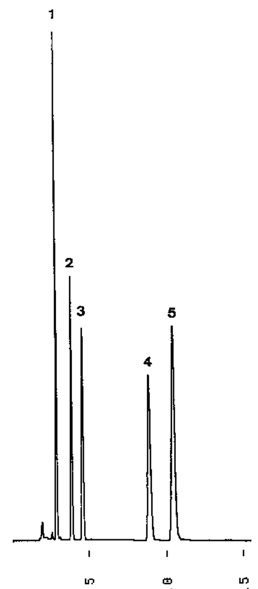


1. Cefsulodin sodium
2. Cephalexin hydrate
3. Cefaclor
4. Cephradine
5. Cephaloglycin
6. Cephapirin sodium
7. Cefotaxime sodium
8. Cephaloridine
9. Cefazolin sodium
10. Cefuroxime sodium
11. Cefoxitin sodium

(O940715F)

Column : J'sphere ODS-M80 (4 μm, 8nm)
250 × 4.6 mm I.D.
Eluent : acetonitrile/100mM KH_2PO_4 (10/90)
Flow rate : 0.8 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 5 μL (0.12～0.35 mg/mL)

セフェム系抗生物質
Cephalosporin antibiotics



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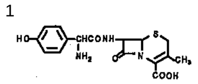
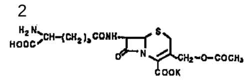
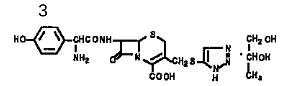
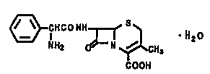
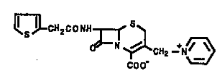

Cefadroxil

2

Cephalosporin C potassium

3

Cefatrizine propylene glycol

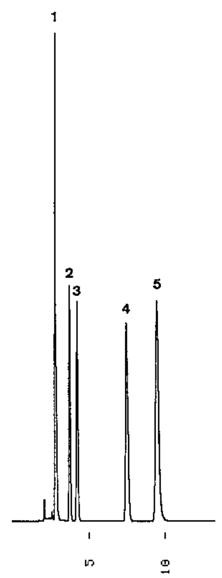
4

Cephalexin hydrate

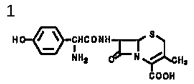
5

Cephaloridine

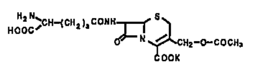
(O940927C)

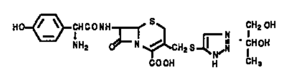
Column : J'sphere ODS-M80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (10/85/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 μL (0.2 mg/mL)

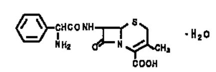
セフェム系抗生物質
Cephalosporin antibiotics

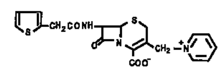


1

Cefadroxil

2

Cephalosporin C potassium

3

Cefatrizine propylene glycol

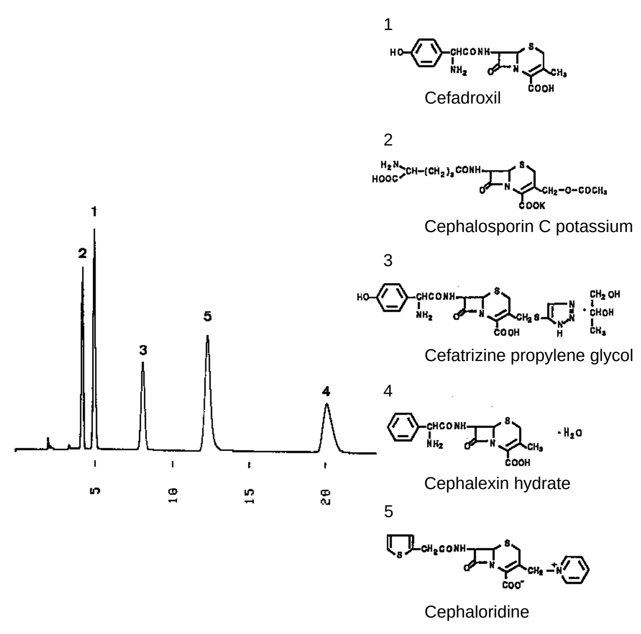
4

Cephalexin hydrate

5

Cephaloridine

(O940927I)

Column : J'sphere ODS-L80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (10/85/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 μL (0.2 mg/mL)

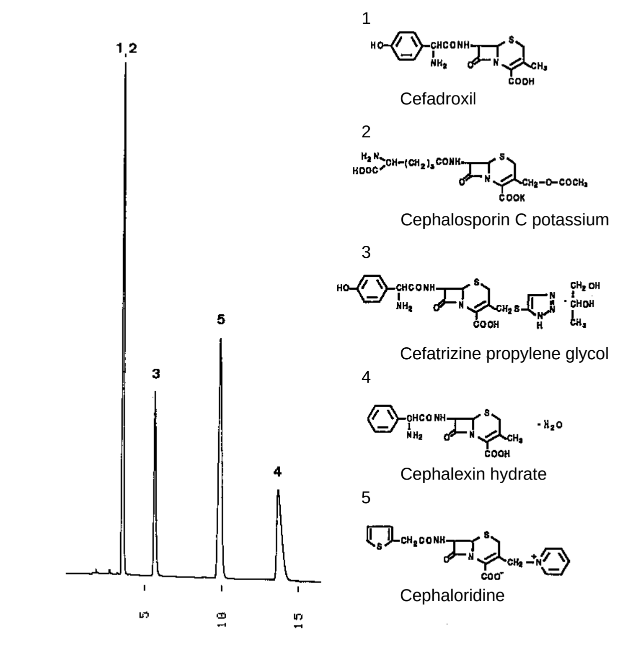
セフェム系抗生物質
Cephalosporin antibiotics



(O0940927G)

Column : YMC-Pack ODS-AQ (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (10/85/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 µL (0.2 mg/mL)

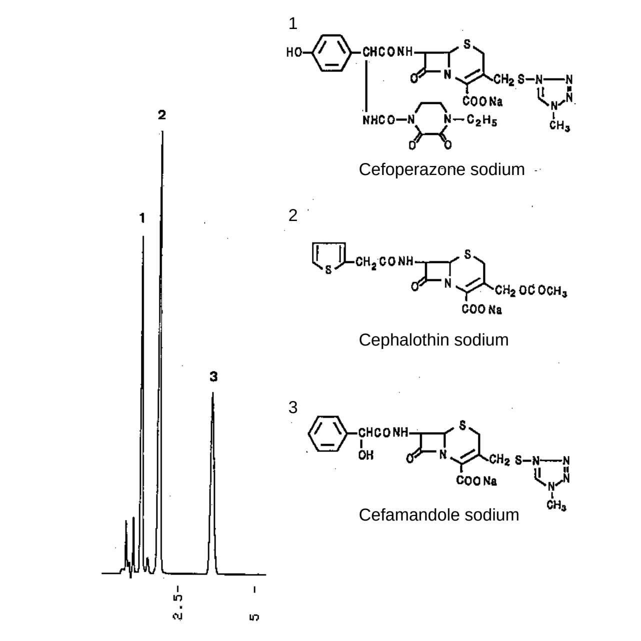
セフェム系抗生物質
Cephalosporin antibiotics



(O0941025E)

Column : YMC-Pack ODS-AM (5 µm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/water/acetic acid (10/85/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 µL (0.2 mg/mL)

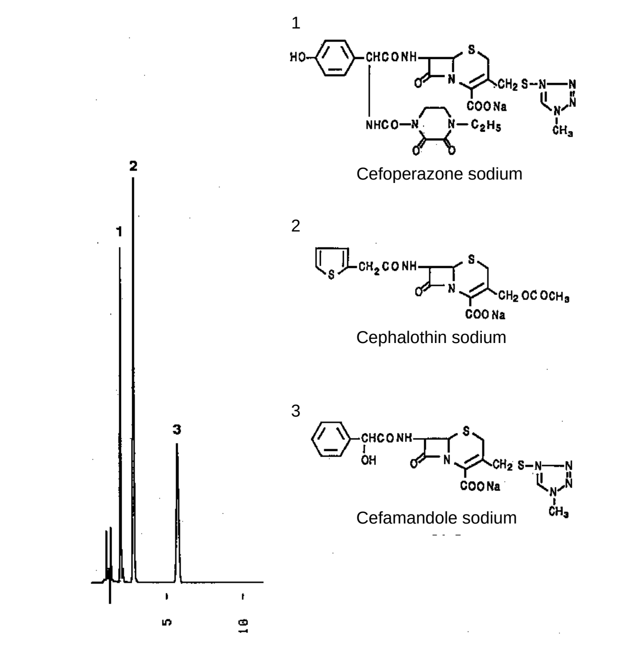
セフェム系抗生物質
Cephalosporin antibiotics



(O0940928P)

Column : J'sphere ODS-H80 (4 µm, 8nm)
75 × 4.6 mm I.D.
Eluent : THF/50mM $NH_4H_2PO_4$ (15/85)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 µL (0.17 mg/mL)

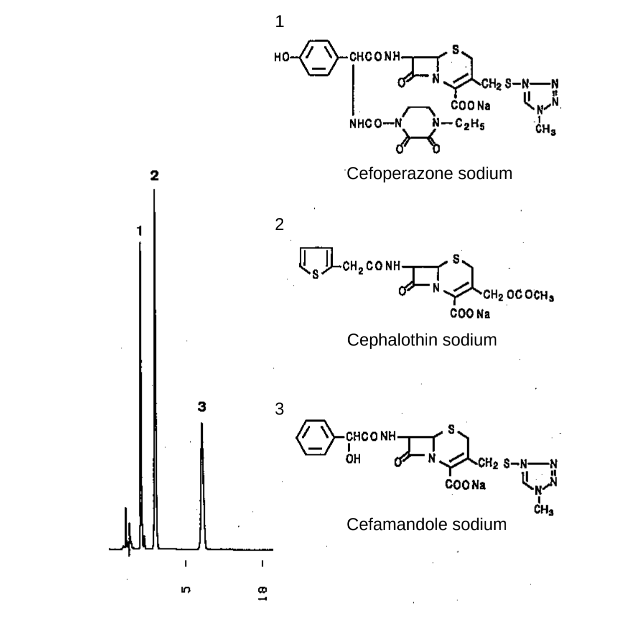
セフェム系抗生物質
Cephalosporin antibiotics



(O0940928Q)

Column : J'sphere ODS-M80 (4 µm, 8nm)
75 × 4.6 mm I.D.
Eluent : THF/50mM $NH_4H_2PO_4$ (15/85)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 µL (0.17 mg/mL)

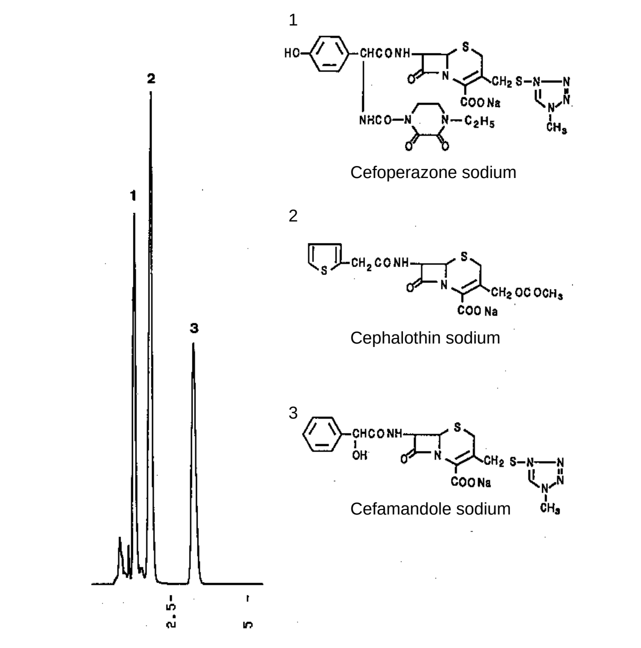
セフェム系抗生物質
Cephalosporin antibiotics



(O0940928R)

Column : J'sphere ODS-L80 (4 µm, 8nm)
75 × 4.6 mm I.D.
Eluent : THF/50mM $NH_4H_2PO_4$ (15/85)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 µL (0.17 mg/mL)

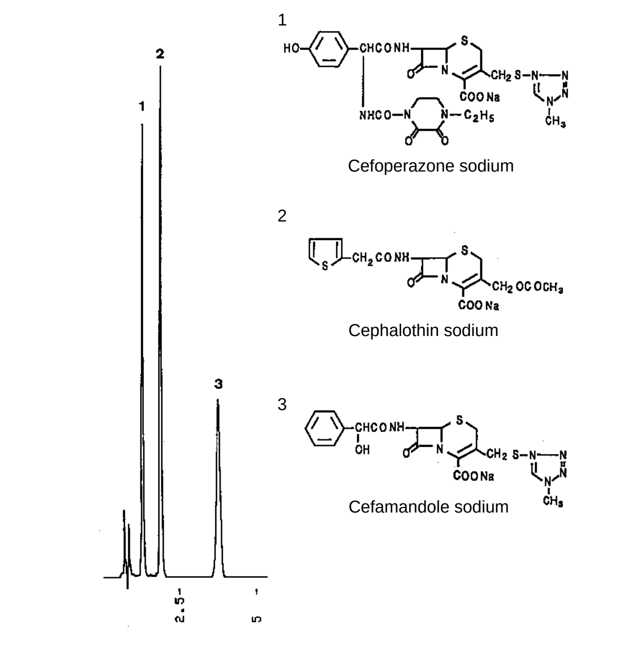
セフェム系抗生物質
Cephalosporin antibiotics



(O0940929D)

Column : J'sphere ODS-H80 (4 µm, 8nm)
75 × 2.0 mm I.D.
Eluent : THF/50mM $NH_4H_2PO_4$ (15/85)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 3 µL (0.17 mg/mL)

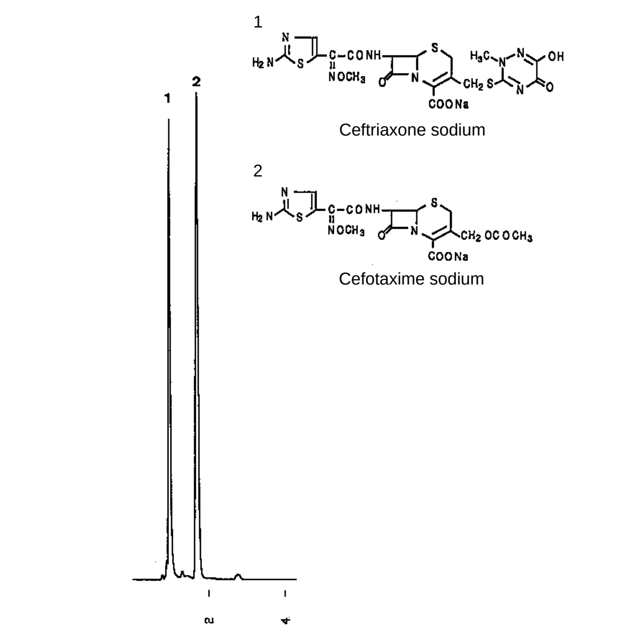
セフェム系抗生物質
Cephalosporin antibiotics



(O0940928S)

Column : YMC-Pack ODS-A (3 µm, 12nm)
50 × 4.6 mm I.D.
Eluent : THF/50mM $NH_4H_2PO_4$ (15/85)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 6 µL (0.17 mg/mL)

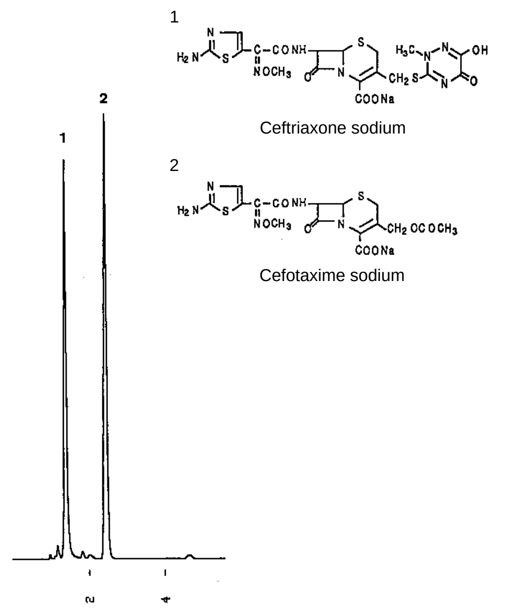
セフェム系抗生物質
Cephalosporin antibiotics



(O0940928G)

Column : J'sphere ODS-H80 (4 µm, 8nm)
75 × 4.6 mm I.D.
Eluent : methanol/50mM $NH_4H_2PO_4$ (30/70)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 5 µL (0.08, 0.16 mg/mL)

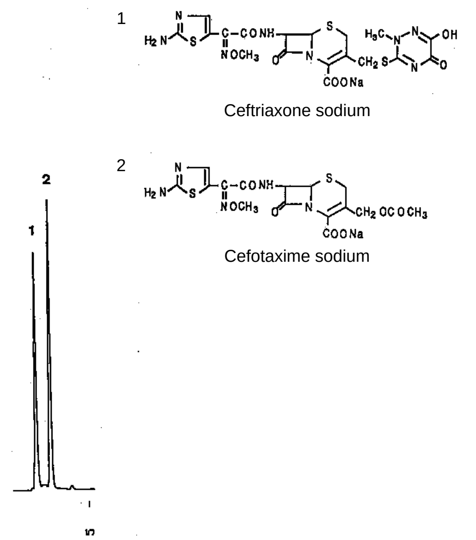
セフェム系抗生物質
Cephalosporin antibiotics



(O940928F)

Column : J'sphere ODS-M80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : methanol/50mM $NH_4H_2PO_4$ (30/70)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 5 μL (0.08, 0.16 mg/mL)

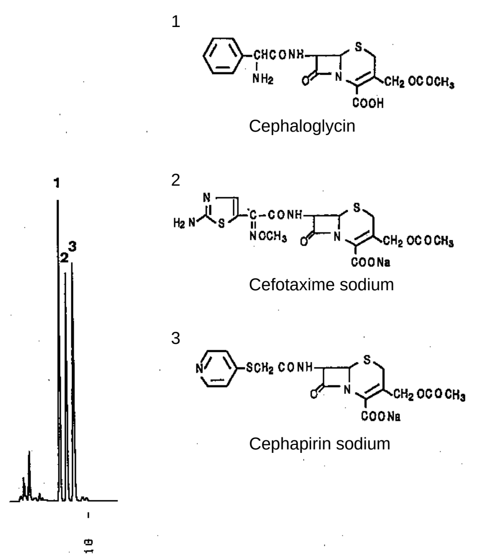
セフェム系抗生物質
Cephalosporin antibiotics



(O940929K)

Column : J'sphere ODS-H80 (4 μm, 8nm)
75 × 2.0 mm I.D.
Eluent : methanol/50mM $NH_4H_2PO_4$ (30/70)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 3 μL (0.08, 0.16 mg/mL)

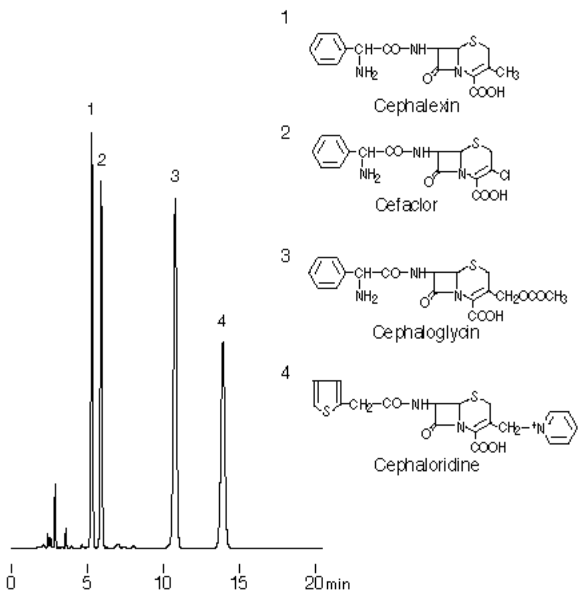
セフェム系抗生物質
Cephalosporin antibiotics



(O940720A)

Column : J'sphere ODS-M80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/100mM KH_2PO_4 (10/90)
Flow rate : 0.8 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.64 AUFS
Injection : 5 μL (0.5 mg/mL)

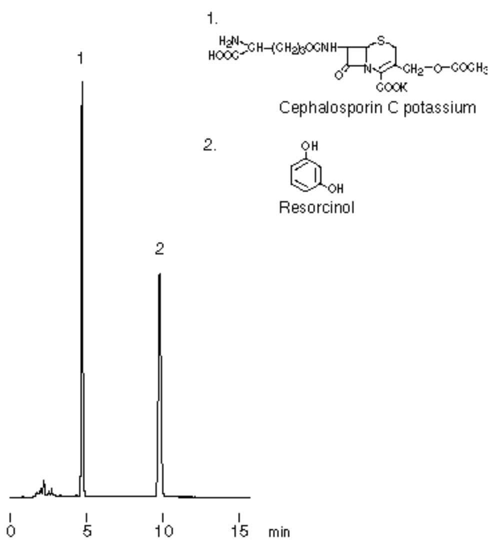
セフェム系抗生物質
Cephalosporin antibiotics



(S000717B)

Column : Hydrosphere C18 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/20mM KH_2PO_4 (10/90)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.32 AUFS
Injection : 15 μL (0.1～0.2 mg/mL)

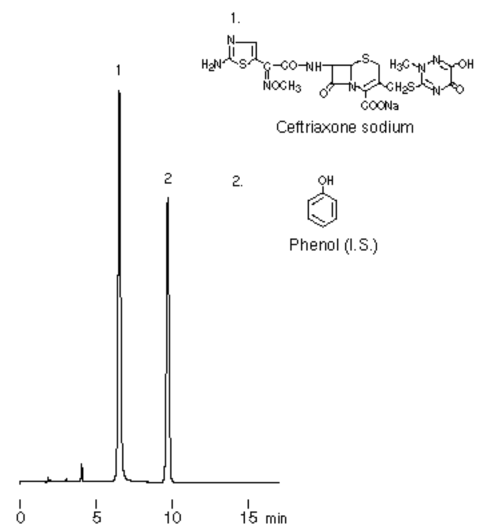
セファロスポリンC
Cephalosporin C



(S000714B)

Column : Hydrosphere C18 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/20mM KH_2PO_4 (5/95)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 10 μL (0.2 mg/mL)

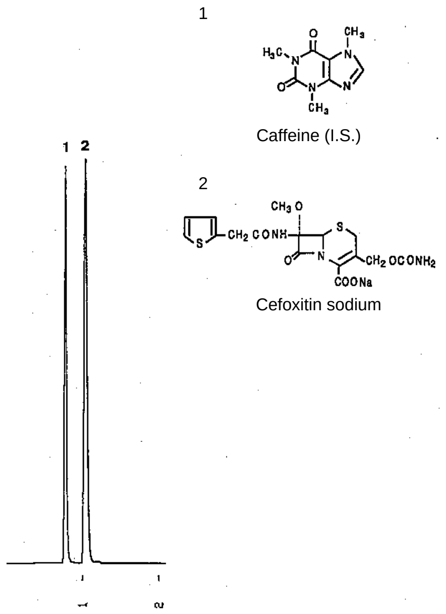
セフトリアキソン
Ceftriaxone



(S000726B)

Column : Hydrosphere C18 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol / 10mM H_3PO_4 (25/75)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.32 AUFS
Injection : 10 μL (0.1, 0.4 mg/mL)

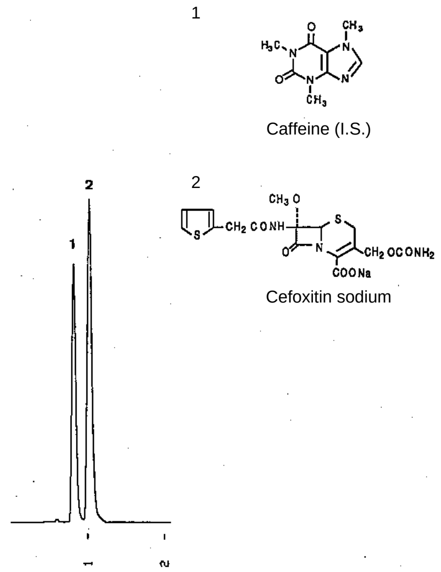
セフォキシチンナトリウム
Cefoxitin sodium



(O940728M)

Column : J'sphere ODS-H80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/50mM KH_2PO_4 (20/80)
Flow rate : 1.8 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.32 AUFS
Injection : 1.2 μL (8, 12 mg/mL)

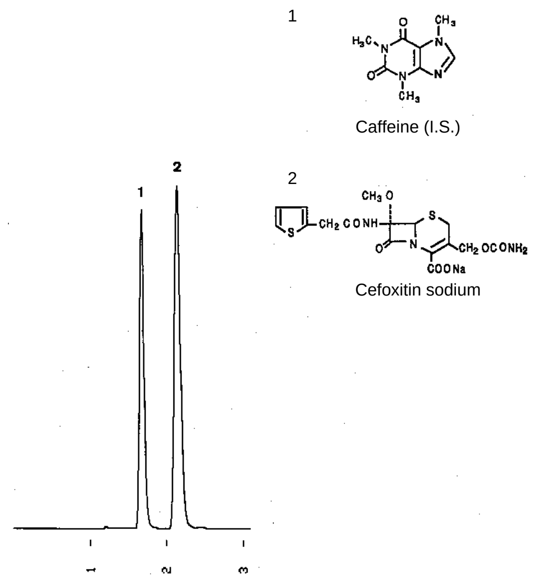
セフォキシチンナトリウム
Cefoxitin sodium



(O940728P)

Column : J'sphere ODS-H80 (4 μm, 8nm)
75 × 2.0 mm I.D.
Eluent : acetonitrile/50mM KH_2PO_4 (20/80)
Flow rate : 0.34 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.32 AUFS
Injection : 1.2 μL (1.6, 2.4 mg/mL)

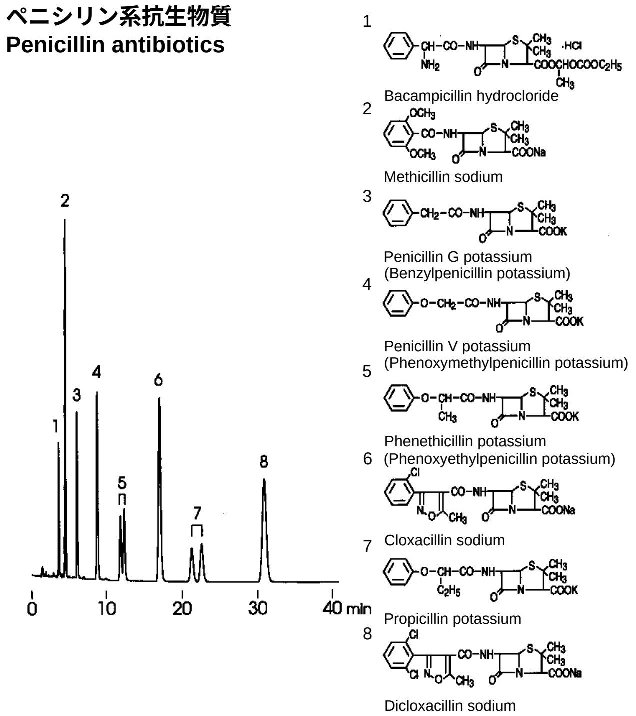
セフォキシチンナトリウム
Cefoxitin sodium



(O940729A)

Column	: J'sphere ODS-H80 (4 µm, 8nm) 150 × 2.0 mm I.D.
Eluent	: acetonitrile/50mM KH_2PO_4 (20/80)
Flow rate	: 0.34 mL/min
Temperature	: 37 ℃
Detection	: UV at 260 nm, 0.32 AUFS
Injection	: 1.2 µL (1.6, 2.4 mg/mL)

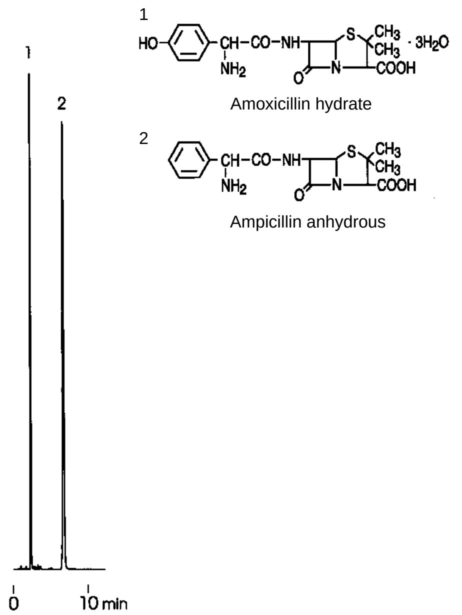
ペニシリン系抗生物質
Penicillin antibiotics



(O950908A)

Column	: J'sphere ODS-H80 (4 µm, 8nm) 150 × 4.6 mm I.D.
Eluent	: 50mM NaH_2PO_4 - H_3PO_4 (pH 2.3)/acetonitrile (67/33)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 220 nm, 0.26 AUFS
Injection	: 8 µL (0.13 mg/mL)

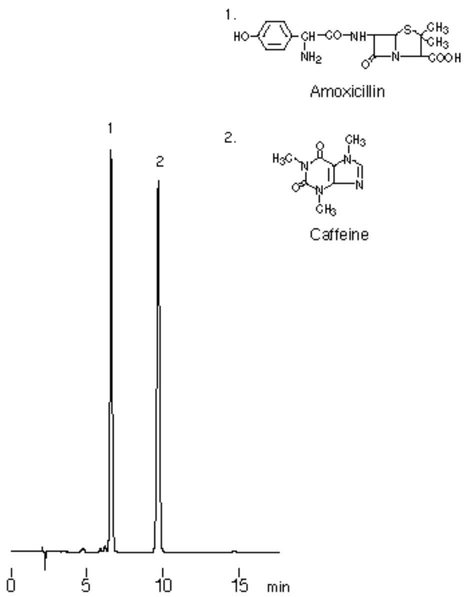
ペニシリン系抗生物質
Penicillin antibiotics



(O950920C)

Column	: J'sphere ODS-H80 (4 µm, 8nm) 75 × 4.6 mm I.D.
Eluent	: 50mM NaH_2PO_4 - H_3PO_4 (pH 2.3)/acetonitrile (80/20) containing 20mM sodium 1-heptanesulfonate
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 220 nm, 0.13 AUFS
Injection	: 2 µL (0.3, 0.7 mg/mL)

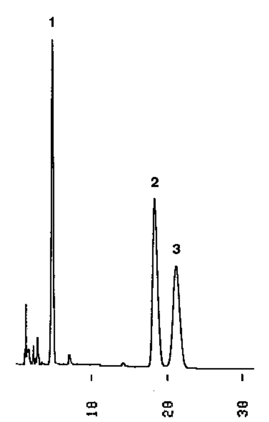
アモキシシリン
Amoxicillin



(S000622D)

Column	: Hydrosphere C18 (5 µm, 12nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile / water / TFA (10/90/0.1)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 220 nm, 0.32 AUFS
Injection	: 10 µL (0.2, 0.1 mg/mL)

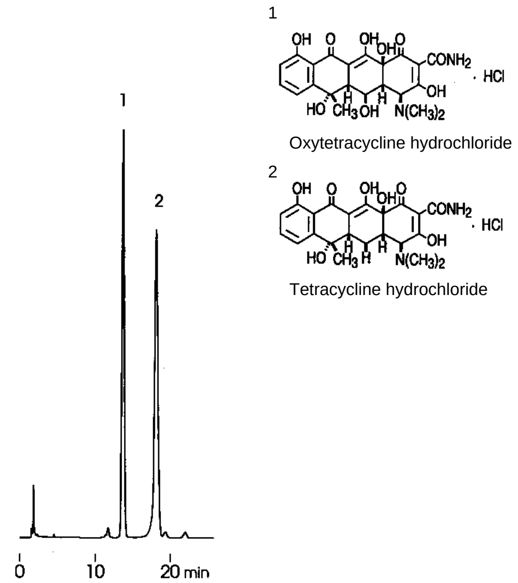
エリスロマイシン
Erythromycin antibiotic drugs



(S930910B)

Column	: J'sphere ODS-H80 (4 µm, 8nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/methanol/100mM $(NH_4)_2HPO_4$(45/15/40)
Flow rate	: 1.0 mL/min
Temperature	: 45 ℃
Detection	: UV at 210 nm, 0.26 AUFS
Injection	: 15 µL (2.5 mg/mL)

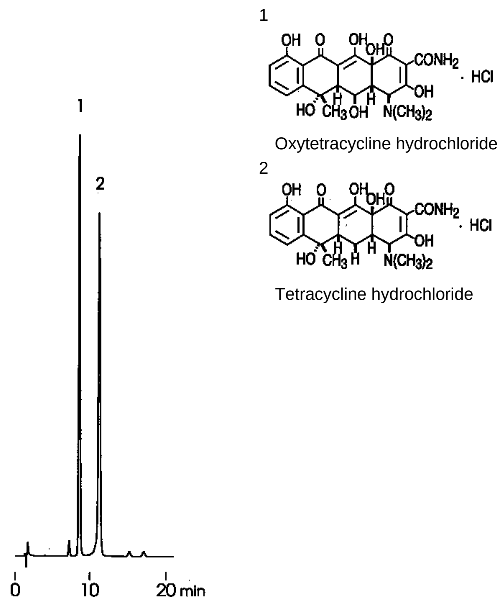
テトラサイクリン系抗生物質
Tetracycline antibiotics



(S970524D)

Column	: YMC-Pack Pro C18 (5 µm, 12nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/10mM oxalic acid (10/90)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 280 nm, 0.13 AUFS
Injection	: 6 µL (0.2 mg/mL)

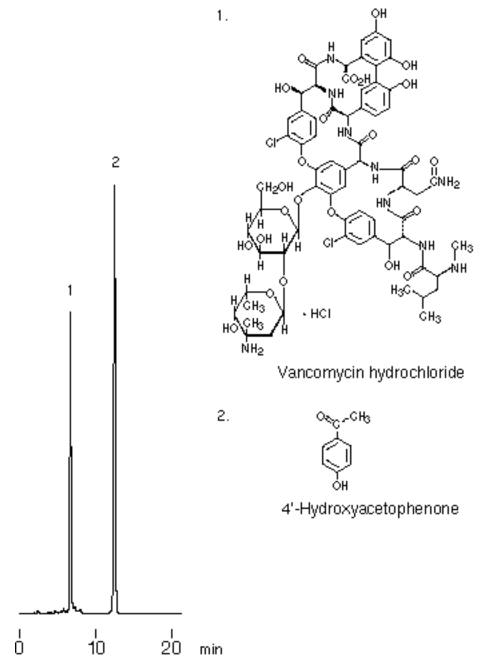
テトラサイクリン系抗生物質
Tetracycline antibiotics



(S970526B)

Column	: J'sphere ODS-H80 (4 µm, 8nm) 150 × 4.6 mm I.D.
Eluent	: acetonitrile/10mM oxalic acid (10/90)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 280 nm, 0.13 AUFS
Injection	: 4 µL (0.2 mg/mL)

バンコマイシン
Vancomycin

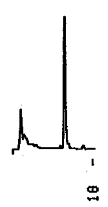


(S000728B)

Column	: Hydrosphere C18 (5 µm, 12nm) 150 × 4.6 mm I.D.
Eluent	: 20mM KH_2PO_4 - K_2HPO_4 (pH 6.9) / acetonitrile (88/12)
Flow rate	: 1.0 mL/min
Temperature	: 37 ℃
Detection	: UV at 220 nm, 0.32 AUFS
Injection	: 10 µL (0.1 mg/mL)

10 抗菌剤・抗生物質
10 Antibiotics

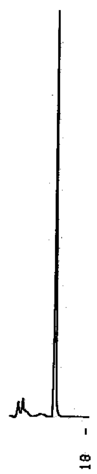
ベンスリド
O,O -Di-isopropyl S-2-benzenesulphonamidoethylphosphorodithioate



(G910223E)

Column : YMC-Pack MB-ODS
150 × 2.1 mm I.D.
Eluent : acetonitrile/water (60/40)
Flow rate : 0.3 mL/min
Temperature : 30 ℃
Detection : UV at 220 nm, 0.01 AUFS
Injection : 10 μL (1.0 mg/L)

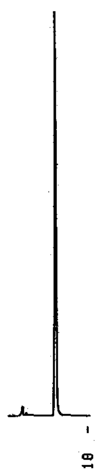
チウラム
Bis(dimethylthiocarbamoyl)disulfide



(G910223D)

Column : YMC-Pack MB-ODS
150 × 2.1 mm I.D.
Eluent : acetonitrile/water (40/60)
Flow rate : 0.3 mL/min
Temperature : 30 ℃
Detection : UV at 260 nm, 0.01 AUFS
Injection : 10 μL (2.0 mg/L)

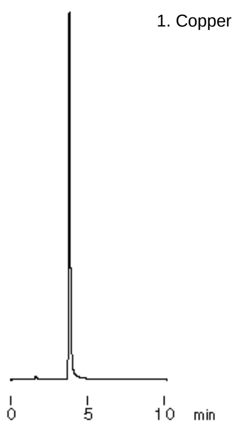
アシュラム
Methyl sulfanilylcarbamate



(G910223C)

Column : YMC-Pack MB-ODS
150 × 2.1 mm I.D.
Eluent : THF/water/TFA (10/90/0.05)
Flow rate : 0.3 mL/min
Temperature : 30 ℃
Detection : UV at 260 nm, 0.01 AUFS
Injection : 10 μL (1.0 mg/L)

オキシン銅
Copper 8-quinolinolate

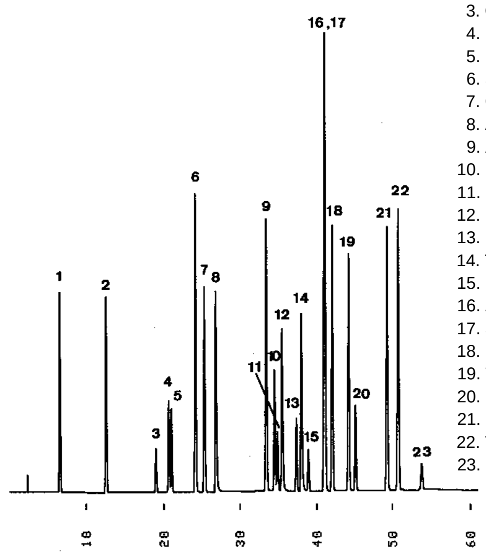


(A010717A)

Column : Hydrosphere C18 (5 μm, 12nm)
150 × 2.0 mm I.D.
Eluent : acetonitrile/20mM H_3PO_4 (5/95)
Flow rate : 0.2 mL/min
Temperature : 37 ℃
Detection : UV at 250 nm, 0.32 AUFS
Injection : 2 μL (0.02 mg/mL)

11 農薬、環境関連物質
Pesticides, Environmental

除草剤
Herbicides

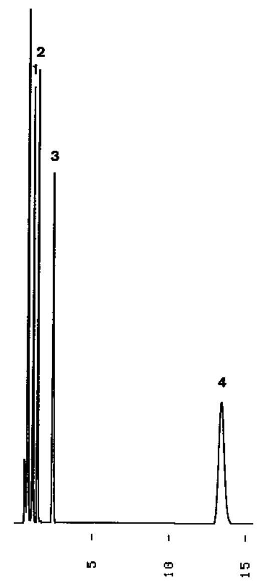


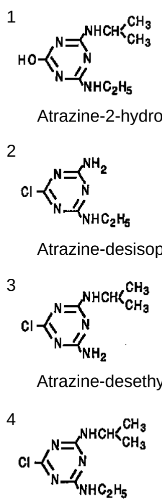
1. Atrazine-desisopropyl
2. Atrazine-desethyl
3. Crimidine
4. Hexazinone
5. Metoxuron
6. Simazine
7. Cyanazine
8. Atraton
9. Atrazine
10. Isoproturon
11. Diuron
12. Prometon
13. Metobromuron
14. Terbumeton
15. Metazachlor
16. Ametryn
17. Sebuthylazine
18. Propazine
19. Terbuthylazine
20. Linuron
21. Prometryn
22. Terbutryn
23. Metolachlor

(O941018B)

Column : J'sphere ODS-H80 (4 μm, 8nm)
250 × 4.6 mm I.D.
Eluent : A)acetonitrile/50mM $NH_4H_2PO_4$ (20/80)
B)acetonitrile/50mM $NH_4H_2PO_4$ (65/35)
0-100%B (0-60min, linear)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.16 AUFS
Injection : 5 μL (0.04 mg/mL)

アトラジン誘導体
Atrazine derivatives



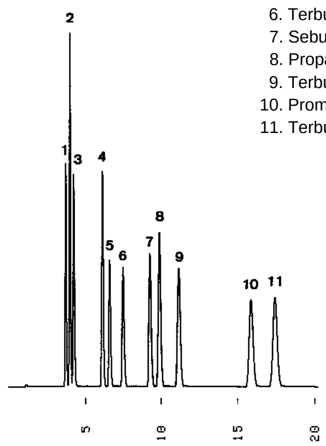


1 Atrazine-2-hydroxy
2 Atrazine-desisopropyl
3 Atrazine-desethyl
4 Atrazine

(O941020H)

Column : J'sphere ODS-H80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/water/TFA (25/75/0.1)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.16 AUFS
Injection : 5 μL (0.04 mg/mL)

トリアジン系除草剤
Triazine herbicides

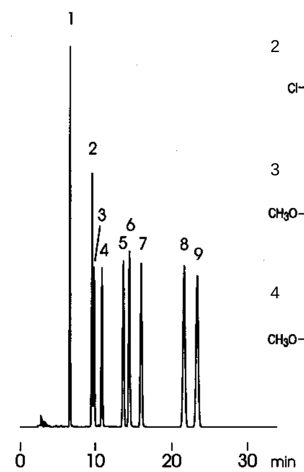


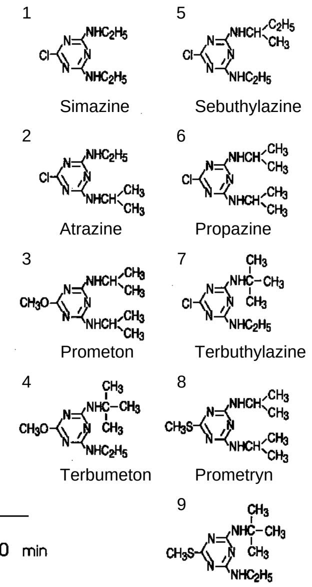
1. Cyanazine
2. Simazine
3. Atraton
4. Atrazine
5. Prometon
6. Terbumeton
7. Sebuthylazine
8. Propazine
9. Terbuthylazine
10. Prometryn
11. Terbutryn

(O941102F)

Column : J'sphere ODS-H80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/50mM $NH_4H_2PO_4$ (45/55)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.32 AUFS
Injection : 5 μL (0.05 mg/mL)

トリアジン系除草剤
Triazine herbicides



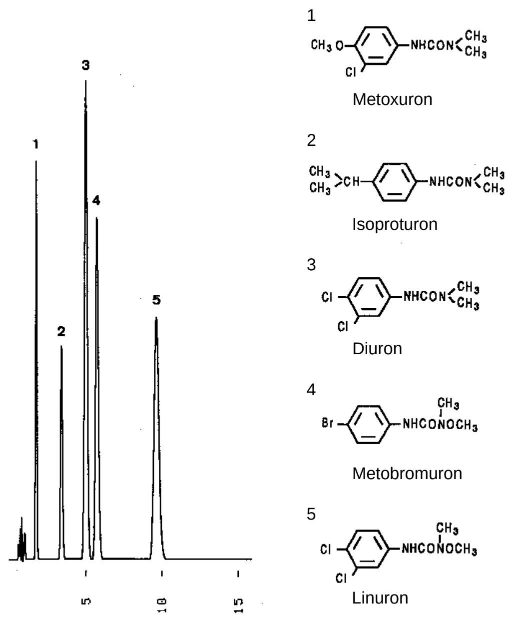


1 Simazine
5 Sebuthylazine
2 Atrazine
6 Propazine
3 Prometon
7 Terbuthylazine
4 Terbumeton
8 Prometryn
9 Terbutryn

(A970210B)

Column : YMC-Pack Pro C18 (5 μm, 12nm)
250 × 4.6 mm I.D.
Eluent : acetonitrile/50mM $NH_4H_2PO_4$ (45/55)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.32 AUFS
Injection : 5 μL (0.05 mg/mL)

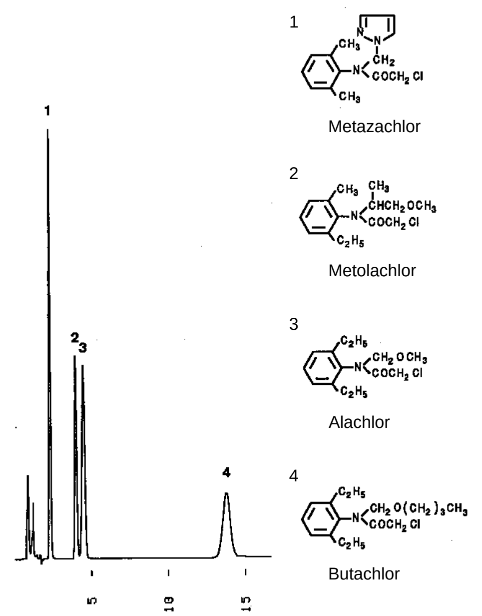
尿素系除草剤
Urea herbicides



(O941028B)

Column : J'sphere ODS-H80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : THF/water (30/70)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.16 AUFS
Injection : 4 μL (0.2 mg/mL)

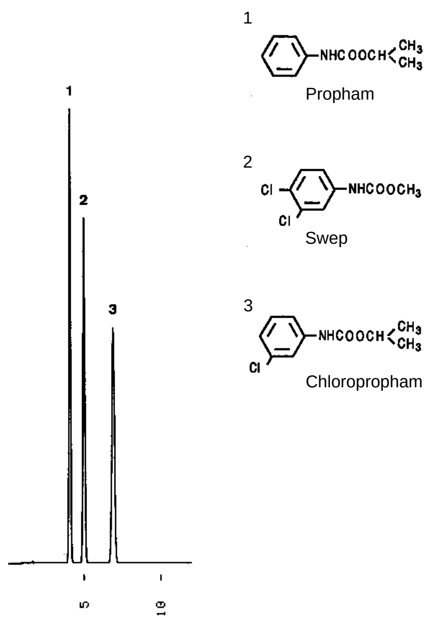
酸アミド系除草剤
Acid amide herbicides



(O941108C)

Column : J'sphere ODS-M80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : 2-propanol/THF/water (25/15/60)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 210 nm, 0.16 AUFS
Injection : 8 μL (0.05 mg/mL)

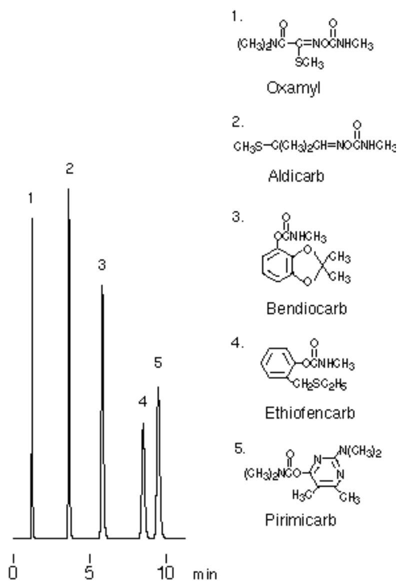
カルバメート系除草剤
Carbamate herbicides



(O941124G)

Column : J'sphere ODS-L80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/water (45/55)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 240 nm, 0.16 AUFS
Injection : 5 μL (0.08 mg/mL)

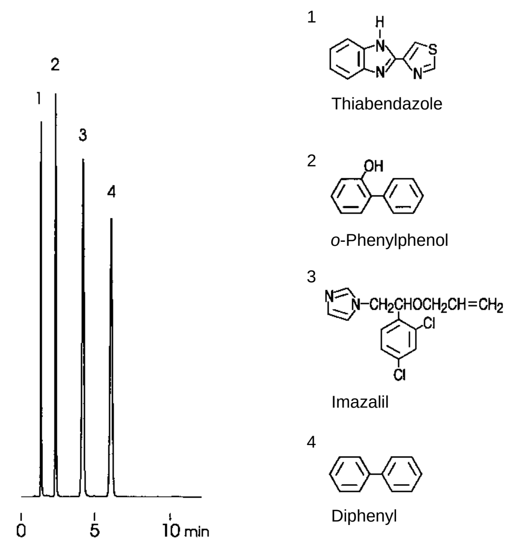
カルバメート系殺虫剤
Carbamate insecticides



(J010220D)

Column : Hydrosphere C18 (3 μm, 12nm)
75 × 4.6 mm I.D.
Eluent : methanol / 20mM KH_2PO_4 (45/55)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 240 nm, 0.64 AUFS
Injection : 5 μL (0.1 - 1.5 mg/mL)

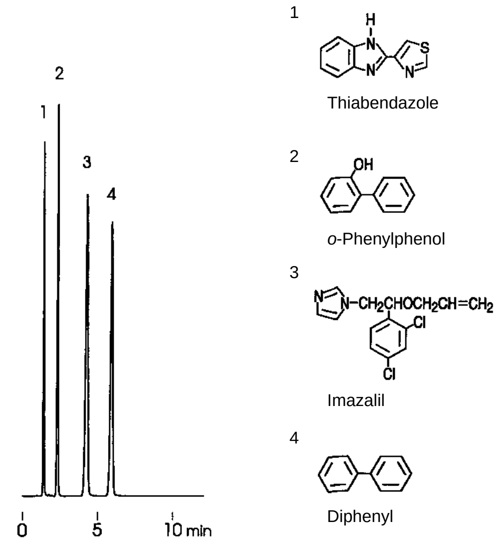
防かび剤
Fungicides



(A970217A)

Column : YMC-Pack Pro C18 (5 μm, 12nm)
75 × 4.6 mm I.D.
Eluent : methanol/20mM $NH_4H_2PO_4$ (70/30)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.32 AUFS
Injection : 10 μL (0.02～0.20 mg/mL)

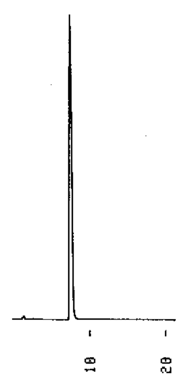
防かび剤
Fungicides



(A970219A)

Column : YMC-Pack ODS-A (5 μm, 12nm)
75 × 4.6 mm I.D.
Eluent : methanol/20mM $NH_4H_2PO_4$ (70/30)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.32 AUFS
Injection : 10 μL (0.02～0.20 mg/mL)

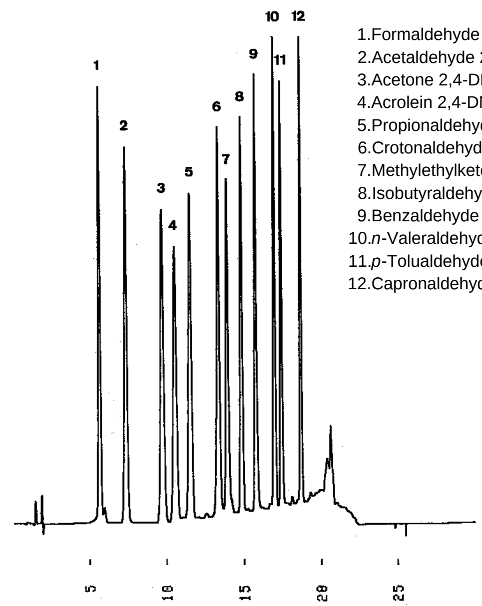
イマザリル
Imazalil



(B931007A)

Column : J'sphere ODS-M80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/20mM $NH_4H_2PO_4$ (50/50)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.04 AUFS
Injection : 10 μL (0.05 mg/mL)

アルデヒドおよびケトン類の2,4-DNPH誘導体
2,4-Dinitrophenylhydrazones of aldehydes and ketones

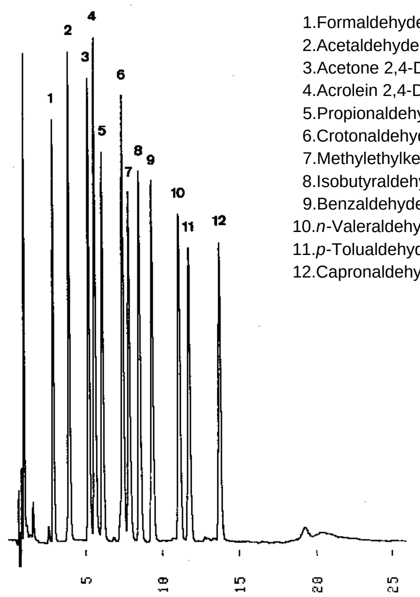


1.Formaldehyde 2,4-DNPH
2.Acetaldehyde 2,4-DNPH
3.Acetone 2,4-DNPH
4.Acrolein 2,4-DNPH
5.Propionaldehyde 2,4-DNPH
6.Crotonaldehyde 2,4-DNPH
7.Methylethylketone 2,4-DNPH
8.Isobutyraldehyde 2,4-DNPH
9.Benzaldehyde 2,4-DNPH
10.*n*-Valeraldehyde 2,4-DNPH
11.*p*-Tolualdehyde 2,4-DNPH
12.Capronaldehyde 2,4-DNPH

(T920302A)

Column : YMC-Pack C_4 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : A)tetrahydrofuran/water (10/90)
B)acetonitrile
35%B (0-7min), 35-65%B (7-18min, linear), 100%B (18-19min), 35%B (19-35min)
Flow rate : 1.5 mL/min
Temperature : 30 ℃
Detection : UV at 360 nm, 0.01 AUFS
Injection : 11 μL (0.0025 mg/mL)

アルデヒドおよびケトン類の2,4-DNPH誘導体
2,4-dinitrophenylhydrazones of aldehydes and ketones

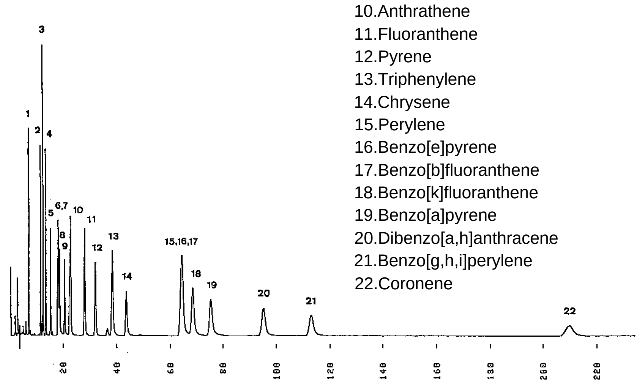


1.Formaldehyde 2,4-DNPH
2.Acetaldehyde 2,4-DNPH
3.Acetone 2,4-DNPH
4.Acrolein 2,4-DNPH
5.Propionaldehyde 2,4-DNPH
6.Crotonaldehyde 2,4-DNPH
7.Methylethylketone 2,4-DNPH
8.Isobutyraldehyde 2,4-DNPH
9.Benzaldehyde 2,4-DNPH
10.*n*-Valeraldehyde 2,4-DNPH
11.*p*-Tolualdehyde 2,4-DNPH
12.Capronaldehyde 2,4-DNPH

(T931130D)

Column : J'sphere ODS-H80 (4 μm, 8nm) 75 × 4.6 mm I.D.
Eluent : A)tetrahydrofuran/water (20/80) B)acetonitrile/methanol (90/10) 30-67%B (0-15min, Linear), 30%B (15-25min)
Flow rate : 1.0 mL/min
Temperature : 40 ℃
Detection : UV at 360 nm, 0.01 AUFS
Injection : 15 μL (0.001 mg/mL)

多環芳香族炭化水素
Polyaromatic hydrocarbons

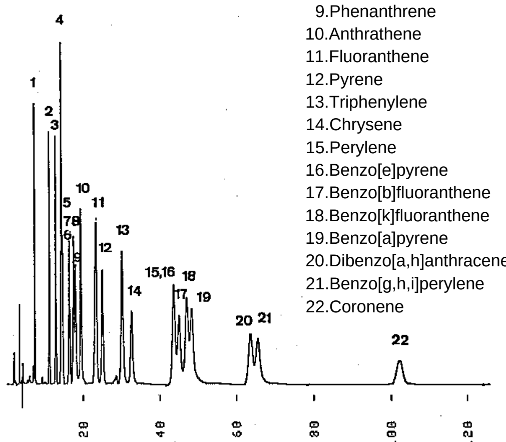


1.Benzene
2.Naphthalene
3.7,12-Dimethylbenzo[a]anthracene
4.Acenaphthylene
5.Diphenyl
6.Fluorene
7.Naphthacene
8.Acenaphthene
9.Phenanthrene
10.Anthrathene
11.Fluoranthene
12.Pyrene
13.Triphenylene
14.Chrysene
15.Perylene
16.Benzo[e]pyrene
17.Benzo[b]fluoranthene
18.Benzo[k]fluoranthene
19.Benzo[a]pyrene
20.Dibenzo[a,h]anthracene
21.Benzo[g,h,i]perylene
22.Coronene

(K930918A)

Column : J'sphere ODS-H80 (4 μm, 8nm) 250 × 4.6 mm I.D.
Eluent : acetonitrile/water (65/35)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 7 μL

多環芳香族炭化水素
Polyaromatic hydrocarbons

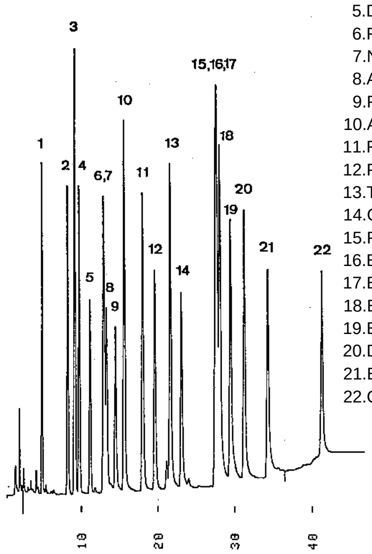


1.Benzene
2.Naphthalene
3.Acenaphthylene
4.7,12-Dimethylbenzo[a]anthracene
5.Diphenyl
6.Fluorene
7.Acenaphthene
8.Naphthacene
9.Phenanthrene
10.Anthrathene
11.Fluoranthene
12.Pyrene
13.Triphenylene
14.Chrysene
15.Perylene
16.Benzo[e]pyrene
17.Benzo[b]fluoranthene
18.Benzo[k]fluoranthene
19.Benzo[a]pyrene
20.Dibenzo[a,h]anthracene
21.Benzo[g,h,i]perylene
22.Coronene

(K930918B)

Column : J'sphere ODS-M80 (4 μm, 8nm) 250 × 4.6 mm I.D.
Eluent : acetonitrile/water (65/35)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 7 μL

多環芳香族炭化水素
Polyaromatic hydrocarbons

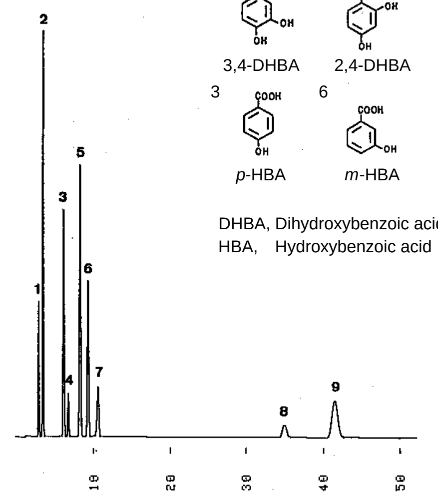


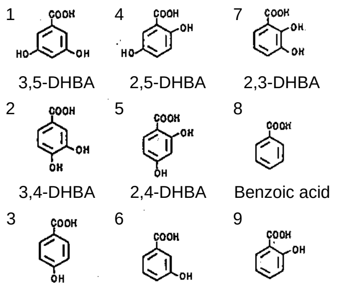
1.Benzene
2.Naphthalene
3.7,12-Dimethylbenzo[a]anthracene
4.Acenaphthylene
5.Diphenyl
6.Fluorene
7.Naphthacene
8.Acenaphthene
9.Phenanthrene
10.Anthrathene
11.Fluoranthene
12.Pyrene
13.Triphenylene
14.Chrysene
15.Perylene
16.Benzo[e]pyrene
17.Benzo[b]fluoranthene
18.Benzo[k]fluoranthene
19.Benzo[a]pyrene
20.Dibenzo[a,h]anthracene
21.Benzo[g,h,i]perylene
22.Coronene

(K930918C)

Column : J'sphere ODS-H80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent : A)acetonitrile/water (50/50) B)acetonitrile 30%B (0-5min), 30-100%B (5-40min), 100%B (40-50min)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 7 μL

ヒドロキシ安息香酸
Hydroxybenzoic acids



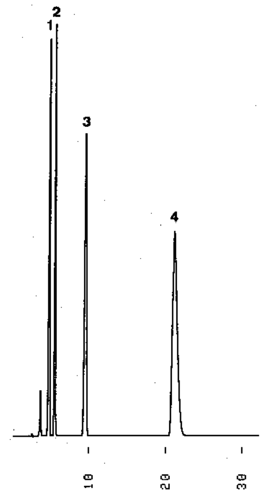


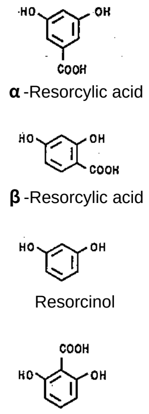
DHBA, Dihydroxybenzoic acid
HBA, Hydroxybenzoic acid

(O940530D)

Column : J'sphere ODS-H80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent : acetonitrile/water/acetic acid (5/90/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 285 nm, 0.16 AUFS
Injection : 5 μL (0.1 mg/mL)

レゾルシン酸異性体
Resorcylic acid isomers

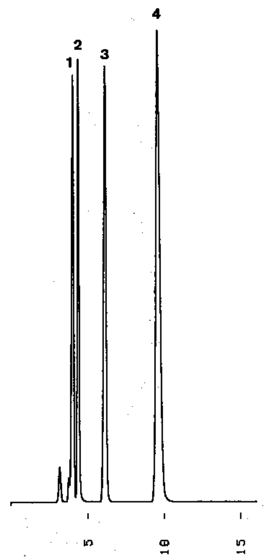


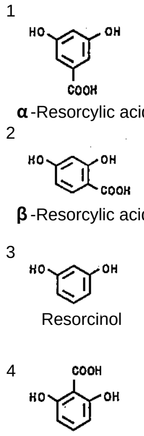


(O940607C)

Column : YMC-Pack C_8 (5 μm, 12nm) 150 × 4.6 mm I.D.
Eluent : methanol/100mM KH_2PO_4 (10/90)
Flow rate : 0.8 mL/min
Temperature : 37 ℃
Detection : UV at 285 nm, 0.16 AUFS
Injection : 10 μL (0.05〜0.4 mg/mL)

レゾルシン酸異性体
Resorcylic acid isomers

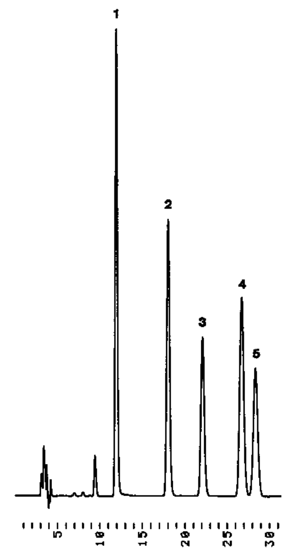


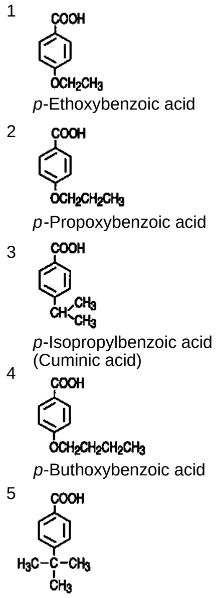


(O940606J)

Column : YMC-Pack Ph (5 μm, 12nm) 150 × 4.6 mm I.D.
Eluent : methanol/100mM KH_2PO_4 (10/90)
Flow rate : 0.8 mL/min
Temperature : 37 ℃
Detection : UV at 285 nm, 0.16 AUFS
Injection : 10 μL (0.05〜0.4 mg/mL)

安息香酸誘導体
Benzoic acid derivatives



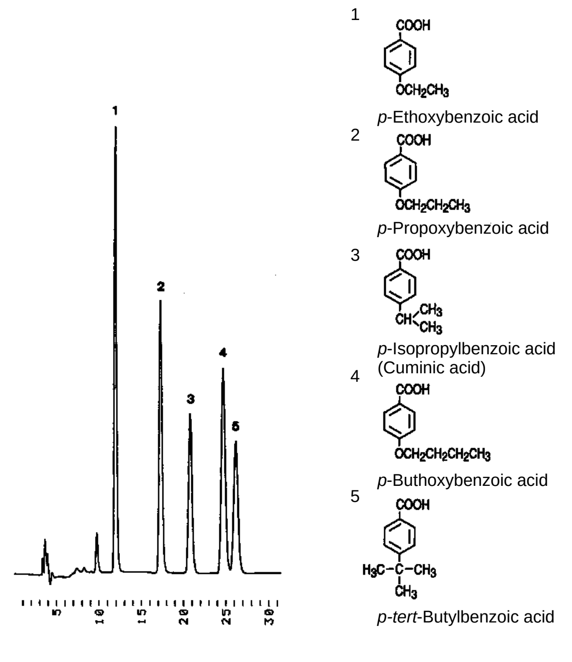


(O950511B)

Column : J'sphere ODS-M80 (4 μm, 8nm) 150 × 4.6 mm I.D.
Eluent : tetrahydrofuran/water/acetic acid (40/60/1)
Flow rate : 0.5 mL/min
Temperature : ambient (26 ℃)
Detection : UV at 260 nm, 0.32 AUFS
Injection : 10 μL (0.04〜0.2 mg/mL)

11 農薬・環境関連物質
12 The others

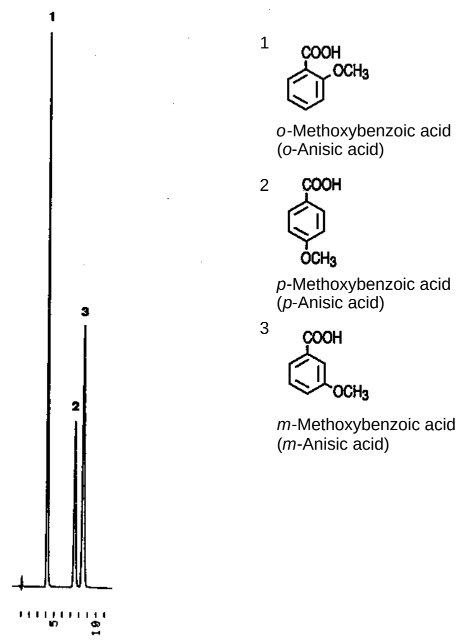
安息香酸誘導体
Benzoic acid derivatives



(O950511C)

Column : J'sphere ODS-L80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : tetrahydrofuran/water/acetic acid (40/60/1)
Flow rate : 0.5 mL/min
Temperature : ambient (26 ℃)
Detection : UV at 260 nm, 0.32 AUFS
Injection : 10 μL (0.04～0.2 mg/mL)

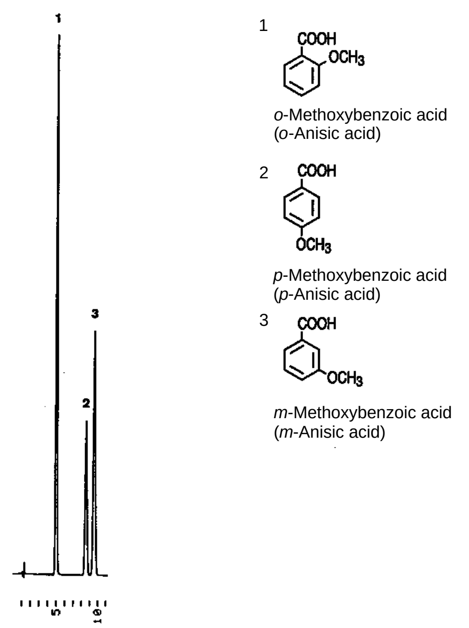
メトキシ安息香酸異性体
Methoxybenzoic acid isomers



(O950508A)

Column : J'sphere ODS-H80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/water/acetic acid (20/80/1)
Flow rate : 1.0 mL/min
Temperature : ambient (25 ℃)
Detection : UV at 285 nm, 0.16 AUFS
Injection : 10 μL (0.17 mg/mL)

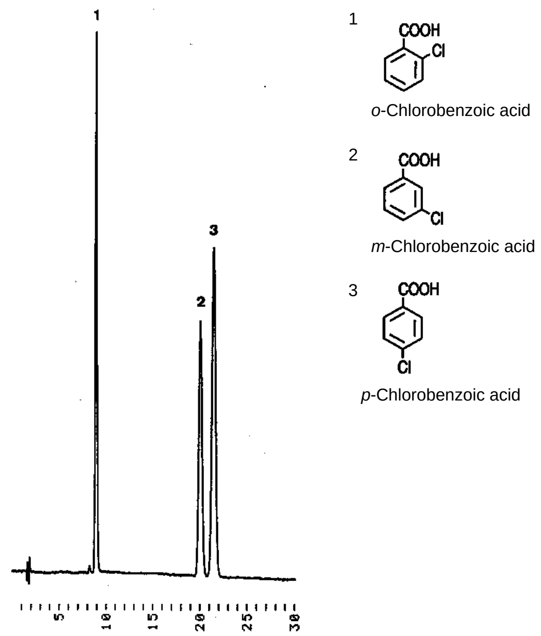
メトキシ安息香酸異性体
Methoxybenzoic acid isomers



(O950508B)

Column : J'sphere ODS-M80 (4 μm, 8nm)
75 × 4.6 mm I.D.
Eluent : acetonitrile/water/acetic acid (20/80/1)
Flow rate : 1.0 mL/min
Temperature : ambient (25 ℃)
Detection : UV at 285 nm, 0.16 AUFS
Injection : 10 μL (0.17 mg/mL)

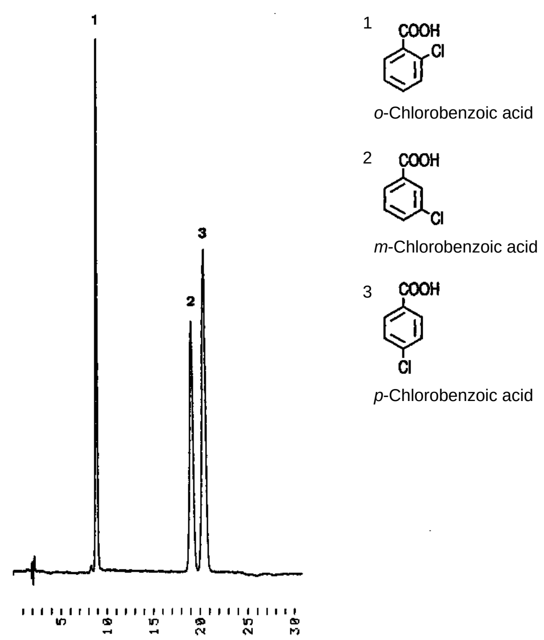
クロロ安息香酸異性体
Chlorobenzoic acid isomers



(O950509B)

Column : J'sphere ODS-H80 (4 μm, 8nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/water/acetic acid (25/75/1)
Flow rate : 1.0 mL/min
Temperature : ambient (27 ℃)
Detection : UV at 270 nm, 0.04 AUFS
Injection : 10 μL (0.17 mg/mL)

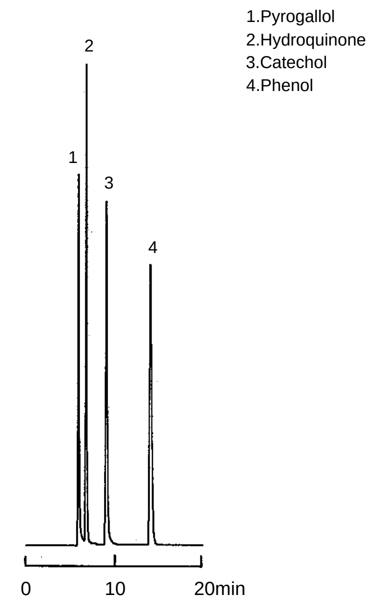
クロロ安息香酸異性体
Chlorobenzoic acid isomers



(O950509D)

Column : YMC-Pack ODS-AM (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/water/acetic acid (25/75/1)
Flow rate : 1.0 mL/min
Temperature : ambient (27 ℃)
Detection : UV at 270 nm, 0.04 AUFS
Injection : 10 μL (0.17 mg/mL)

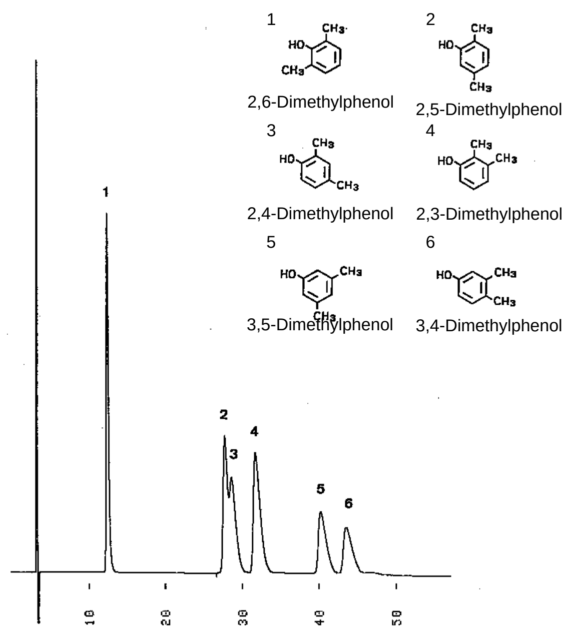
ポリフェノール
Polyphenols



(H890627A)

Column : YMC-Pack Ph (5 μm, 12nm)
250 × 4.6 mm I.D.
Eluent : 5mM acetic acid
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 280 nm, 0.32 AUFS
Sample : reagents
Injection : 20 μL

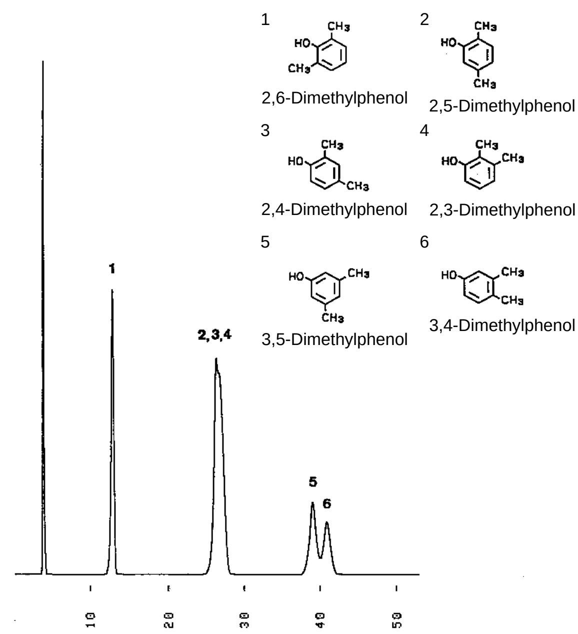
ジメチルフェノール異性体
Dimethylphenol isomers



(T921019B)

Column : YMC-Pack Polyamine II
250 × 4.6 mm I.D.
Eluent : 20% ethyl acetate in hexane
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 20 μL (0.33 mg/mL)

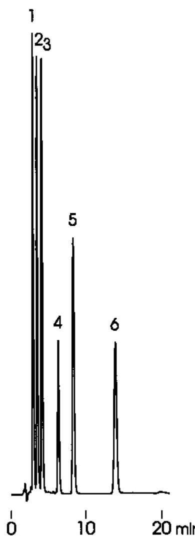
ジメチルフェノール異性体
Dimethylphenol isomers

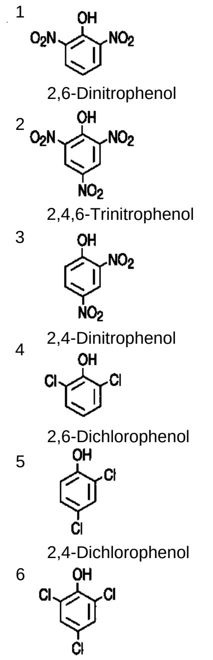


(T921020C)

Column : YMC-Pack NH_2 (5 μm, 12nm)
250 × 4.6 mm I.D.
Eluent : 10% ethyl acetate in hexane
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm, 0.08 AUFS
Injection : 20 μL (0.33 mg/mL)

フェノール誘導体
Phenol derivatives

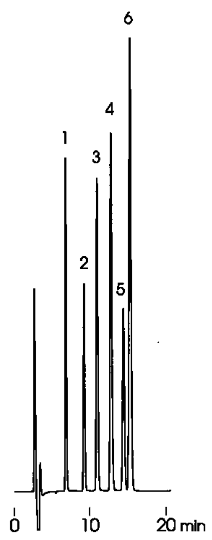


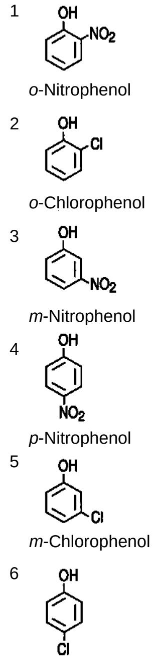


(O950616I)

Column : J'sphere ODS-H80 (4 μ m, 8nm)
75 × 4.6 mm I.D.
Eluent : 2-propanol/water/TFA (40/60/0.1)
Flow rate : 0.4 mL/min
Temperature : 37 ℃
Detection : UV at 230 nm, 0.13 AUFS
Injection : 5 μ L (0.04 mg/mL)

フェノール誘導体
Phenol derivatives

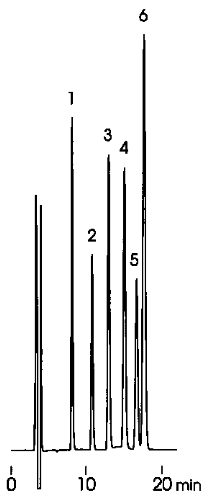


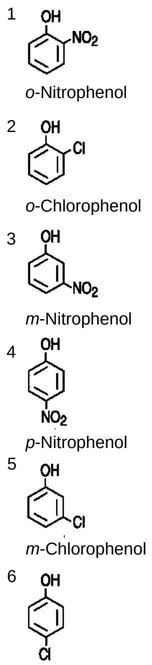


(O950614C)

Column : J'sphere ODS-H80 (4 μ m, 8nm)
150 × 4.6 mm I.D.
Eluent : tetrahydrofuran/water/acetic acid (35/65/1)
Flow rate : 0.5 mL/min
Temperature : 37 ℃
Detection : UV at 240 nm, 0.13 AUFS
Injection : 4 μ L (0.08 mg/mL)

フェノール誘導体
Phenol derivatives

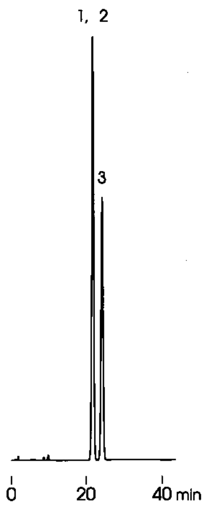


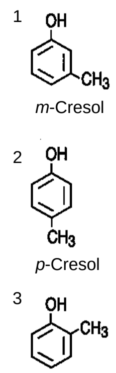


(O950614F)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : tetrahydrofuran/water/acetic acid (35/65/1)
Flow rate : 0.5 mL/min
Temperature : 37 ℃
Detection : UV at 240 nm, 0.13 AUFS
Injection : 4 μ L (0.08 mg/mL)

クレゾール異性体
Cresol isomers

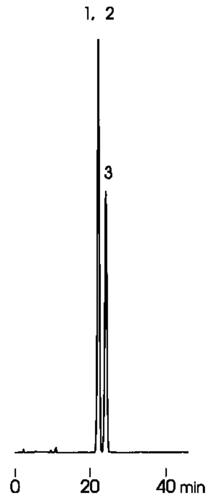


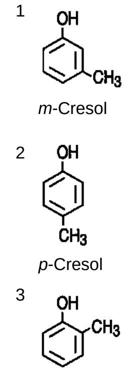


(O951025B)

Column : J'sphere ODS-H80 (4 μ m, 8nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/water (18/82)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.064 AUFS
Injection : 10 μ L (0.3 mg/mL)

クレゾール異性体
Cresol isomers



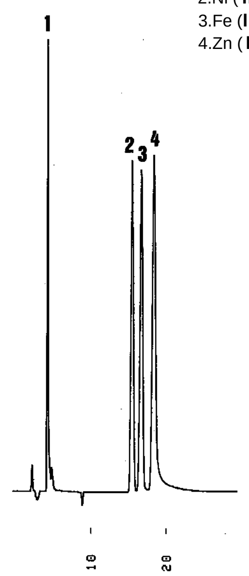


(O951025C)

Column : J'sphere ODS-M80 (4 μ m, 8nm)
150 × 4.6 mm I.D.
Eluent : acetonitrile/water (18/82)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 260 nm, 0.064 AUFS
Injection : 10 μ L (0.3 mg/mL)

1- (2-ピリジルアゾ) -2-ナフトール(PAN)金属キレート
Metal-PAN chelates

1.Co (Ⅱ)-1- (2-Pyridylazo)-2-naphthol
2.Ni (Ⅱ)-1- (2-Pyridylazo)-2-naphthol
3.Fe (Ⅲ)-1- (2-Pyridylazo)-2-naphthol
4.Zn (Ⅱ)-1- (2-Pyridylazo)-2-naphthol

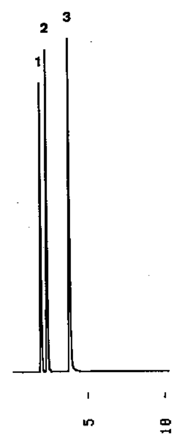


(T910520A)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
150 × 6.0 mm I.D.
Eluent : acetonitrile/water (70/30) containig 0.01% PAN
and 10mM tetrabutylammonium bromide
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : VIS at 565 nm, 0.08 AUFS
Injection : 12 μ L (25～92 μ g/mL)

配位性化合物
Coordination compounds

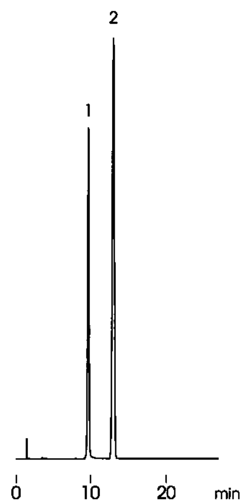
1. Uracil
2. Acetylacetone
3. 8-Quinolinol

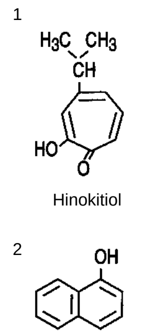


(M910604I)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM KH_2PO_4 - K_2HPO_4 (pH7.6)/methanol (40/60)
Flow rate : 1.0 mL/min
Temperature : 40 ℃
Detection : UV at 254 nm, 0.32 AUFS

ヒノキチオール
Hinokitiol



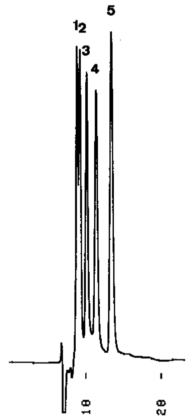


(O960507F)

Column : YMC-Pack ODS-AM (5 μ m, 12nm)
150 × 4.6 mm I.D.
Eluent : 20mM $NH_4H_2PO_4$ containing 1mM EDTA･2Na/acetonitrile (65/35)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 320 nm, 0.16 AUFS
Injection : 10 μ L (0.08, 0.25 mg/mL)

アミノアルコール
Aminoalcohols

1.Ethanolamine
2.Diethanolamine
3.N-Methylethanolamine
4.Triethanolamine
5.*N,N*-Dimethylethanolamine

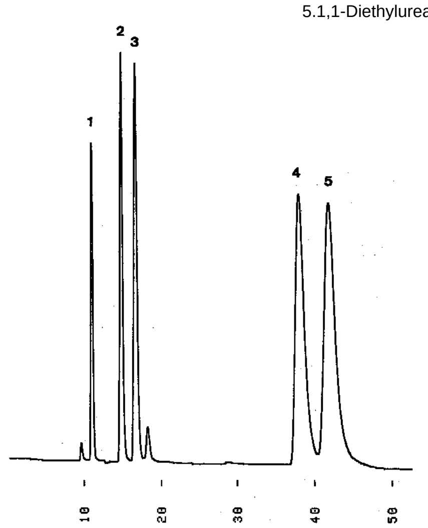


(M920124B)

Column : YMC-Pack PolymerC18
250 × 6.0 mm I.D.
Eluent : 100mM Na_2HPO_4/100mM NaOH (60/40, pH 12.0)
Flow rate : 0.6 mL/min
Temperature : 20 ℃
Detection : UV at 215 nm, 0.32 AUFS
Injection : 50 μL (0.2〜3.0 mg/mL)

尿素及び関連化合物
Urea and related compounds

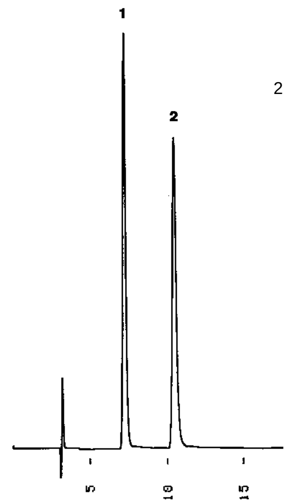
1.Urea
2.Propionamide
3.Ethylurea
4.1,3-Diethylurea
5.1,1-Diethylurea



(M920108A)

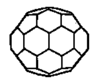
Column : YMC-Pack PolymerC18
250 × 6.0 mm I.D.
Eluent : 0.4% $HClO_4$ (pH 1.3)
Flow rate : 0.5 mL/min
Temperature : 25 ℃
Detection : UV at 210 nm, 0.32 AUFS
Injection : 15 μL (0.4〜7.5 mg/mL)

フラーレン同族体
Fullerenes



1

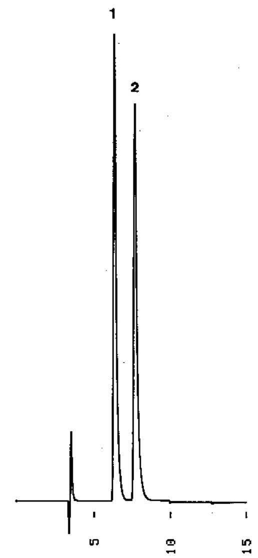
Buckminsterfullerene(C_{60})

2

(5,6)-Fullerene(C_{70})

(S930119B)

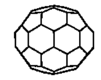
Column : YMC-Pack ODS-A (5 μm, 120A)
150 × 6.0 mm I.D.
Eluent : hexane/2-propanol (70/30)
Flow rate : 1.0 mL/min
Temperature : ambient (25 ℃)
Detection : UV at 350 nm, 0.08 AUFS
Injection : 4 μL (0.125 mg/mL)

フラーレン同族体
Fullerenes



1

Buckminsterfullerene(C_{60})

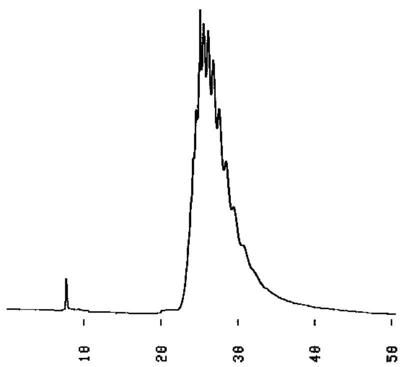
2

(5,6)-Fullerene(C_{70})

(S930128B)

Column : YMC-Pack Ph (5 μm, 120A)
150 × 6.0 mm I.D.
Eluent : hexane/2-propanol (50/50)
Flow rate : 1.0 mL/min
Temperature : ambient (25 ℃)
Detection : UV at 350 nm, 0.08 AUFS
Injection : 4 μL (0.125 mg/mL)

界面活性剤
A nonionic detergent

1.Triton X-100

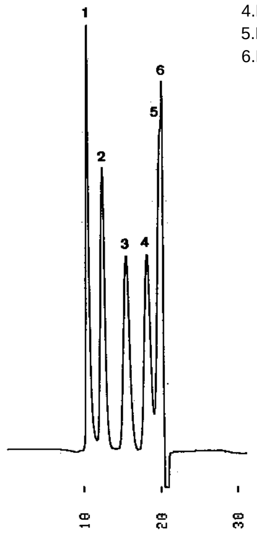


(G920109C)

Column : YMC-Pack Diol-120
500 × 8.0 mm I.D.
Eluent : acetonitrile/water (10/90)
Flow rate : 1.0 mL/min
Temperature : ambient (23 ℃)
Detection : UV at 260 nm, 0.02 AUFS
Injection : 15 μL (5.0 mg/mL)
Sample : Triton X-100

ポリエチレングリコール
Polyethyleneglycols

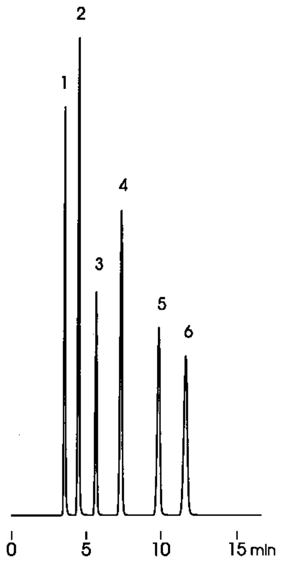
1.PEG #20,000 (MW 20,000)
2.PEG #6,000 (MW 8,400)
3.PEG #4,000 (MW 3,350)
4.PEG #1,000 (MW 1,000)
5.PEG #300 (MW 300)
6.Ethyleneglycol (MW 62)

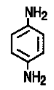


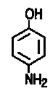
(G920123A)

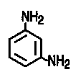
Column : YMC-Pack Diol-120
500 × 8.0 mm I.D.
Eluent : acetonitrile/water(10/90)
Flow rate : 1.0 mL/min
Temperature : ambient (22 ℃)
Detection : RI, 64 x 10^{-6} RIU/FS
Injection : 100 μL (1.67 mg/mL)

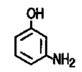
芳香族アミン
Aromatic amines

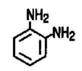


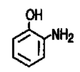
1

p-Phenylenediamine

2

p-Aminophenol

3

m-Phenylenediamine

4

m-Aminophenol

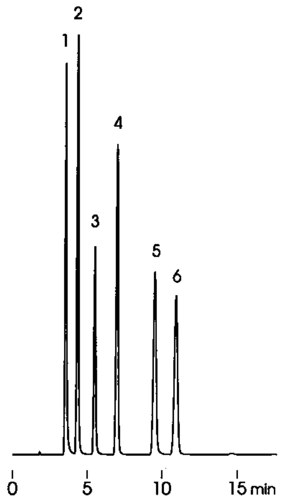
5

o-Phenylenediamine

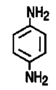
6

o-Aminophenol

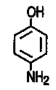
(S961007C)

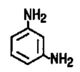
Column : YMC-Pack Pro C18 (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$ - $(NH_4)_2HPO_4$ (pH 6.7)/methanol (95/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.26 AUFS
Injection : 5 μL (0.125〜0.5 mg/mL)

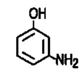
芳香族アミン
Aromatic amines

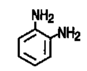


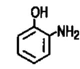
1

p-Phenylenediamine

2

p-Aminophenol

3

m-Phenylenediamine

4

m-Aminophenol

5

o-Phenylenediamine

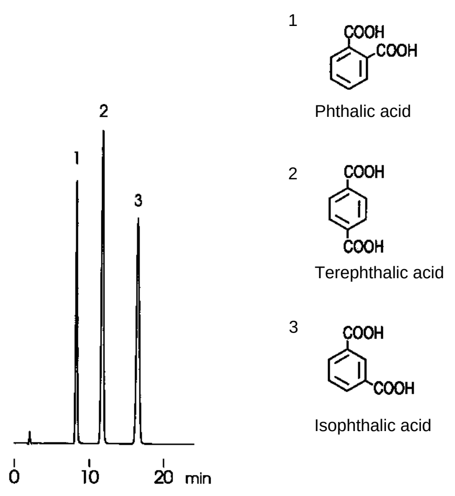
6

o-Aminophenol

(S961004E)

Column : YMC-Pack ODS-AM (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : 50mM $NH_4H_2PO_4$ - $(NH_4)_2HPO_4$ (pH 6.7)/methanol (95/5)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.26 AUFS
Injection : 5 μL (0.125〜0.5 mg/mL)

12 その他
The others

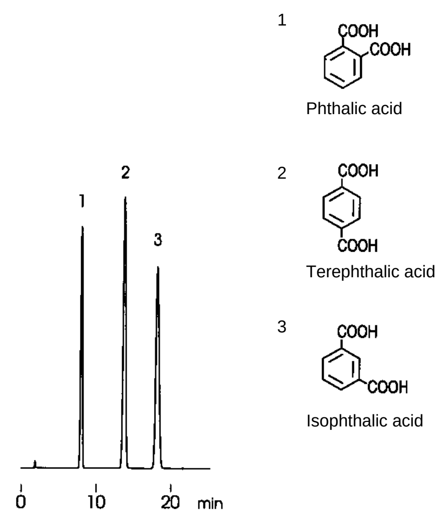
フタル酸異性体
Phthalic acid isomers



(A971112B)

Column : YMC-Pack Pro C18 (5 μm, 12nm)
150 × 3.0 mm I.D.
Eluent : methanol/10mM H_3PO_4 (25/75)
Flow rate : 0.4 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 4 μL (0.05～0.5 mg/mL)

フタル酸異性体
Phthalic acid isomers

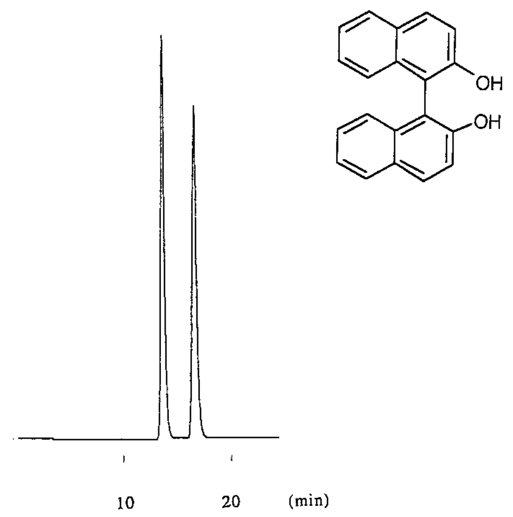


(A971112A)

Column : YMC-Pack ODS-AQ (5 μm, 12nm)
150 × 4.6 mm I.D.
Eluent : methanol/10mM H_3PO_4 (25/75)
Flow rate : 1.0 mL/min
Temperature : 37 ℃
Detection : UV at 254 nm, 0.16 AUFS
Injection : 10 μL (0.05～0.5 mg/mL)

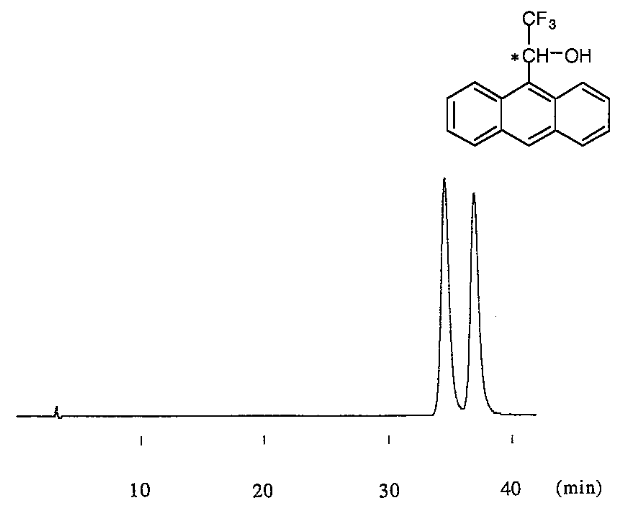
13 光学異性体
Optical isomers

ビナフトール
1,1'-Bi-2-naphthol



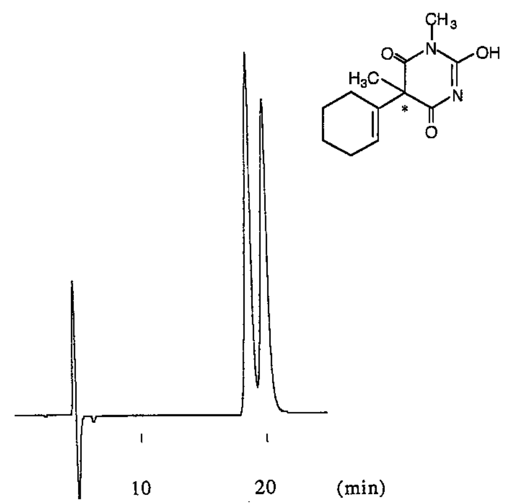
Column : YMC CHIRAL NEA (R)
250 × 4.6 mm I.D.
Eluent : acetonitrile/water (50/50)
Flow rate : 1.0 mL/min
Temperature : ambient
Detection : UV at 235 nm
Injection : 1 μL (2.8 mg/mL)

トリフルオロアンスリルエタノール
2,2,2-Trifluoro-1-(9-anthryl)-ethanol



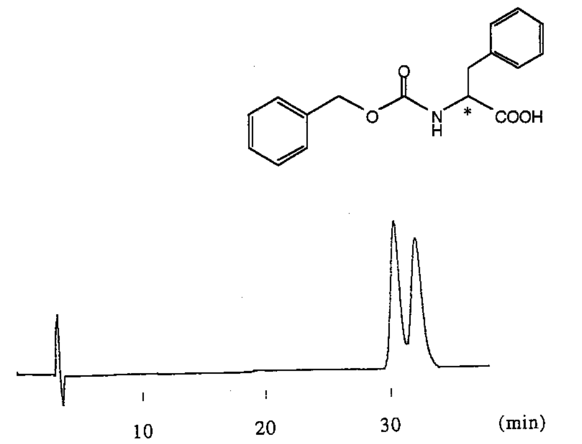
Column : YMC CHIRAL NEA (R)
250 × 4.6 mm I.D.
Eluent : acetonitrile/water (40/60)
Flow rate : 1.0 mL/min
Temperature : ambient
Detection : UV at 254 nm
Injection : 1 μL (0.14 mg/mL)

ヘキソバルビタール
Hexobarbital



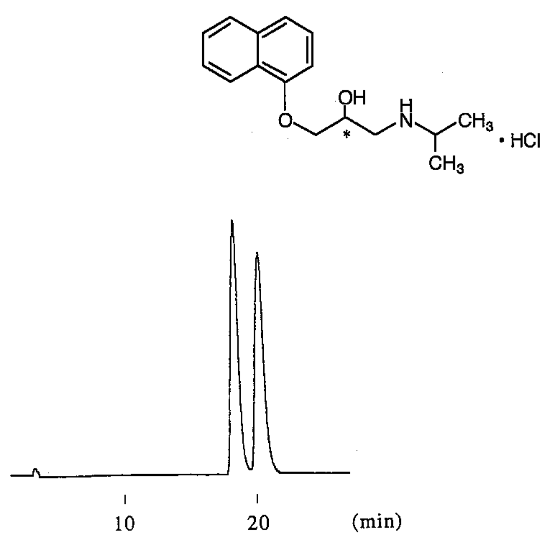
Column : YMC CHIRAL NEA (R)
250 × 4.6 mm I.D.
Eluent : acetonitrile/water (30/70)
Flow rate : 0.7 mL/min
Temperature : ambient
Detection : UV at 210 nm
Injection : 1 μL (1.2 mg/mL)

CBZ-フェニルアラニン
CBZ-Phenylalanine(Z-Phe-OH)



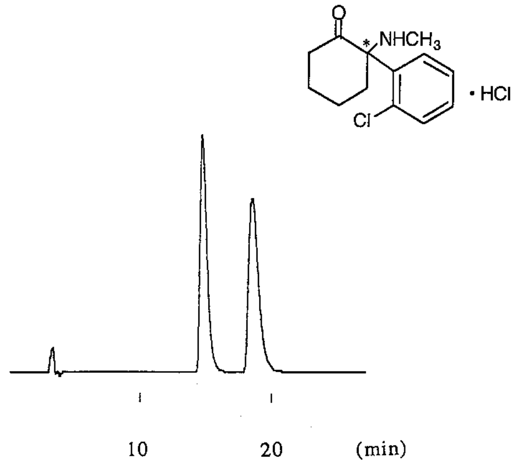
Column : YMC CHIRAL NEA (R)
250 × 4.6 mm I.D.
Eluent : 0.5M $NaClO_4$ - $HClO_4$ (pH 2.0)/acetonitrile (70/30)
Flow rate : 1.0 mL/min
Temperature : ambient
Detection : UV at 254 nm
Injection : 10 μL (1.5 mg/mL)

塩酸プロプラノロール
Propranolol hydrochloride



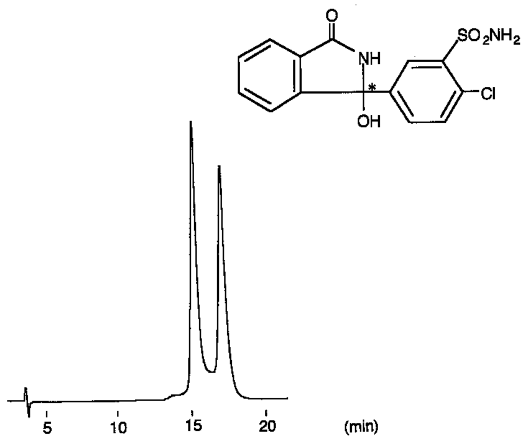
Column : YMC CHIRAL NEA (R)
250 × 4.6 mm I.D.
Eluent : acetonitrile/0.5M $NaClO_4$ (40/60)
Flow rate : 1.0 mL/min
Temperature : ambient
Detection : UV at 254 nm
Injection : 5 μL (1.5 mg/mL)

塩酸ケタミン
Ketamine hydrochloride



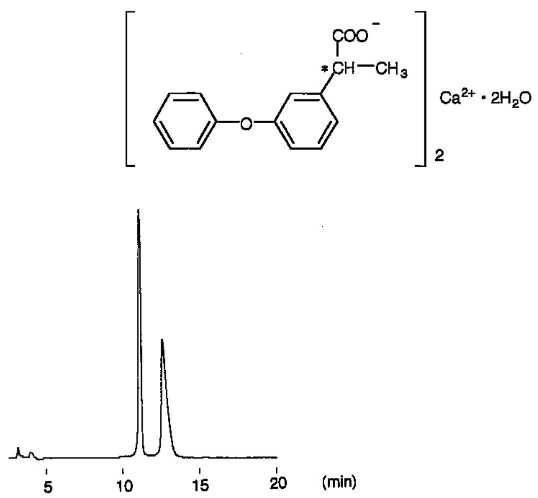
Column : YMC CHIRAL NEA (R)
250 × 4.6 mm I.D.
Eluent : acetonitrile/0.5M $NaClO_4$ (40/60)
Flow rate : 1.0 mL/min
Temperature : ambient
Detection : UV at 268 nm
Injection : 10 μL (1.4 mg/mL)

クロルタリドン
Chlorthalidone



Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : water/acetic acid (100/1)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 2 μL (1 mg/mL)

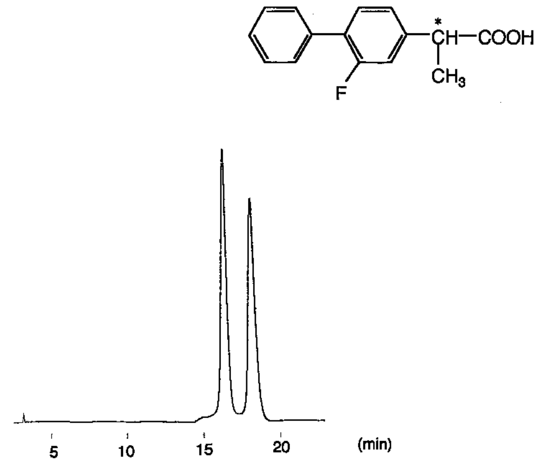
フェノプロフェンカルシウム
Fenoprofen calcium salt; hydrate



Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.53M AcOH - 0.53M TEA (pH 4.0)/acetonitrile (10/90)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)

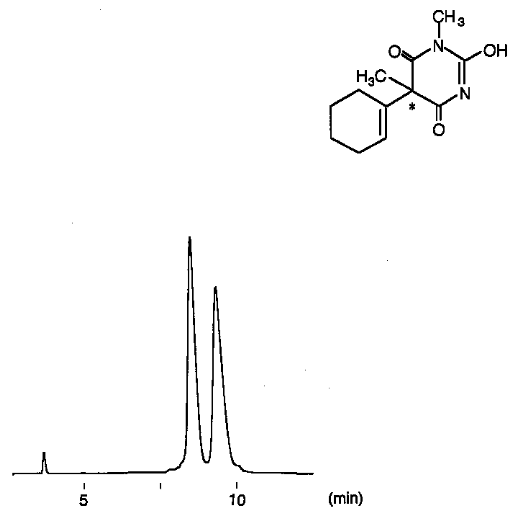
13 光学異性体
Optical isomers

フルルビプロフェン
Flurbiprofen



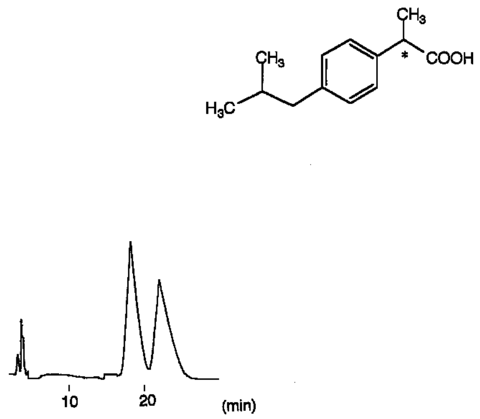
Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.53M AcOH - 0.53M TEA (pH 4.0)/acetonitrile (10/90)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 2 μL (1 mg/mL)

ヘキソバルビタール
Hexobarbital



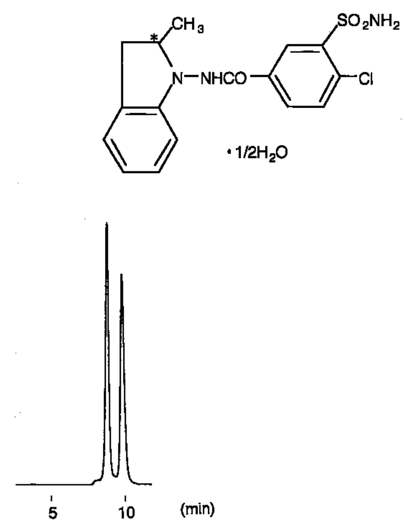
Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.2M AcOH - 0.2M TEA (pH 5.6)/methanol (70/30)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)

イブプロフェン
Ibuprofen



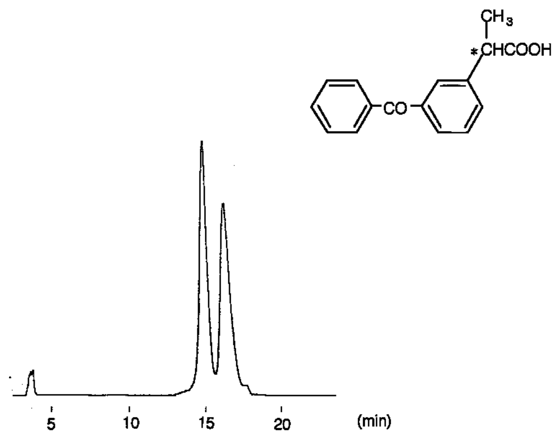
Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.1M AcOH*aq* - TEA*aq* (pH 4.0)/acetonitrile (10/90)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 20 μL (2 mg/mL)

インダパミド
Indapamide



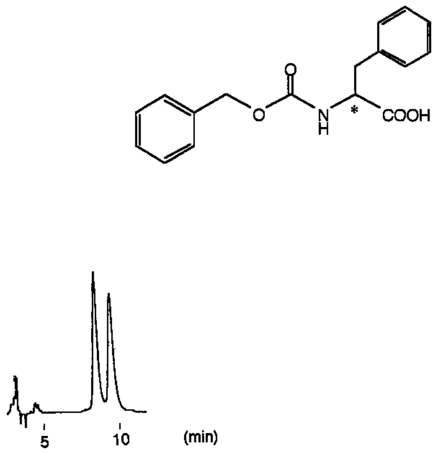
Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.2M AcOH - 0.2M TEA (pH 5.6)/acetonitrile (90/10)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 2 μL (1 mg/mL)

ケトプロフェン
Ketoprofen



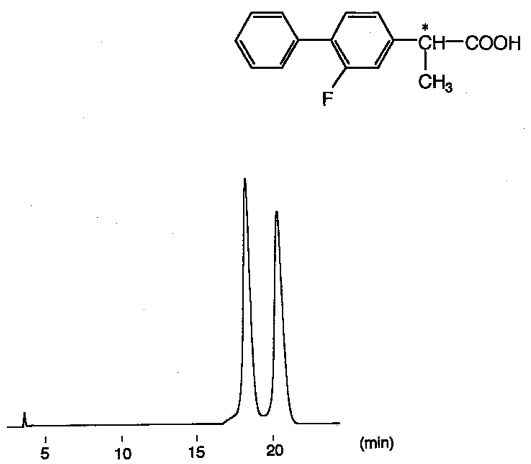
Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.2M AcOH - 0.2M TEA (pH 5.6)/methanol (30/70)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 10 μL (1 mg/mL)

CBZ-フェニルアラニン
CBZ-Phenylalanine (Z-Phe-OH)



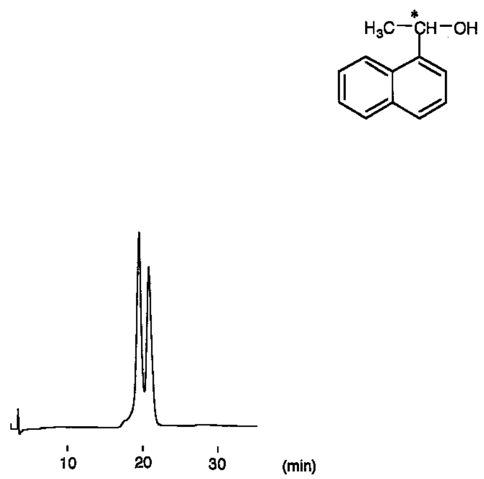
Column : YMC CHIRAL β-CD BR
250 × 4.6 mm I.D.
Eluent : 0.53M AcOH - 0.53M TEA (pH 4.0)/acetonitrile (40/60)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)

フルルビプロフェン
Flurbiprofen



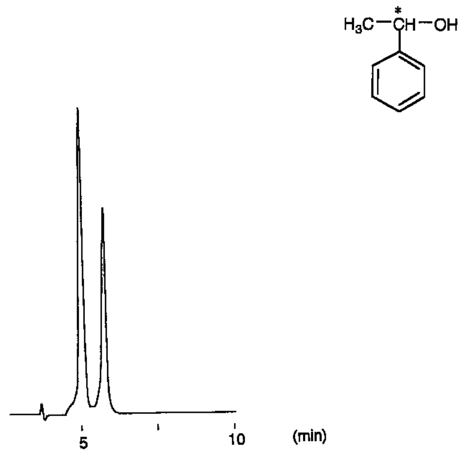
Column : YMC CHIRAL γ-CD BR
250 × 4.6 mm I.D.
Eluent : 0.53M AcOH - 0.53M TEA (pH 4.0)/methanol (30/70)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 2 μL (1 mg/mL)

ナフチルエチルアルコール
1-(1-Naphthyl)-ethylalcohol



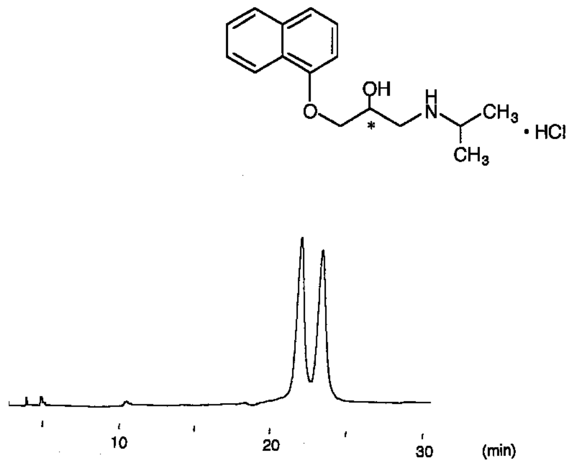
Column : YMC CHIRAL γ-CD BR
250 × 4.6 mm I.D.
Eluent : 0.2M AcOH - 0.2M TEA (pH 5.6)/methanol (90/10)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)

フェニルエチルアルコール
Phenylethylalcohol



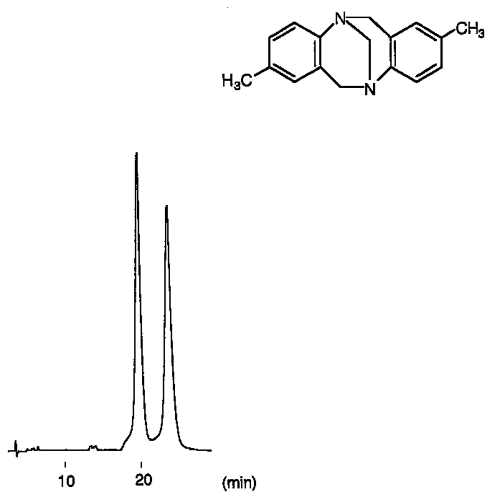
Column : YMC CHIRAL γ-CD BR
250 × 4.6 mm I.D.
Eluent : 0.53M AcOH - 0.53M TEA (pH 4.0)/methanol (90/10)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm
Injection : 5 μL (10 mg/mL)

塩酸プロプラノロール
Propranolol hydrochloride



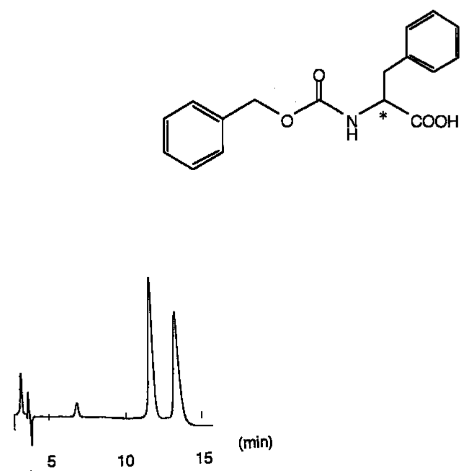
Column : YMC CHIRAL γ-CD BR
250 × 4.6 mm I.D.
Eluent : acetonitrile/methanol/acetic acid/triethylamine (99/1/0.3/0.25)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)

トレーガー塩基
Troger's base



Column : YMC CHIRAL γ-CD BR
250 × 4.6 mm I.D.
Eluent : 0.2M AcOH - 0.2M TEA (pH 5.6)/acetonitrile (90/10)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 30 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)

CBZ-フェニルアラニン
CBZ-Phenylalanine (Z-Phe-OH)



Column : YMC CHIRAL γ-CD BR
250 × 4.6 mm I.D.
Eluent : 0.53M AcOH - 0.53M TEA (pH 4.0)/acetonitrile (60/40)
(TEA=triethylamine)
Flow rate : 1.0 mL/min
Temperature : 25 ℃
Detection : UV at 254 nm
Injection : 5 μL (1 mg/mL)