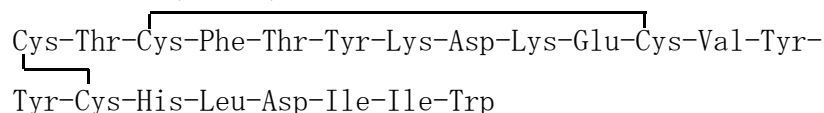


Analytical Data

Code: 4199-s

Compound: Endothelin-3 (Human)



(M. W. 2643.04) C₁₂₁ H₁₆₈ N₂₆ O₃₃ S₄

Appearance : White amorphous powder

*** Specific Optical Rotation**

$[\alpha]_D^{20}$ -79.1 ° (c 0.1, 1% AcOH)

*** Amino Acid Analysis**

Acid Hydrolysis: 6N HCl with thioglycolic acid, 110 °C, 22h.

Asp (2) 2.08	Thr (2) 1.71	Glu (1) 0.99	Cys (4) 3.66
Val (1) 0.99	Ile (2) 1.21*	Leu (1) 1.00	Tyr (3) 2.95
Phe (1) 1.02	His (1) 1.00	Lys (2) 2.03	Trp (1) 0.83

* resistance of the Ile-Ile bond to acid hydrolysis

Mass Spectral Analysis : Exhibits correct MW

Sample : 4199-s Endothelin-3 (Human)
Sample Size : 0.8 μ L (0.11 mg/ 22 μ L- 1% AcOH)
Column : YMC Pack ODS-A S-3 μ m (4.6 mm I.D. \times 150 mm) #0415227716(W) + G (4 \times 10 mm)
Eluent : 0.1 M NaCl (pH 2.4)
Gradient : Acetonitrile 20% to 60% [25 min.]
Flow Rate : 1.0 mL/min. , ; Press. : 177 kg/cm² , ; Temp. : 25 $^{\circ}$ C
Detection : CH.1 210 nm

