

4323-v CA-074 Me (Typical Assay)

(L-3-trans-(Propylcarbamoyl)oxirane-2-Carbonyl)-L-Isoleucyl-L-Proline Methyl Ester

M.W. 397.47 C₁₉H₃₁N₃O₆ CAS No: [147859-80-1]

Appearance: white powder

Specific optical rotation: $[\alpha]_D^{20} - 26.1^\circ$ (C 1.39; EtOH)

Elemental Analysis: Calculated for C₁₉H₃₁N₃O₆
 calc. C: 57.41 H: 7.86 N: 10.57
 found: C: 57.49 H: 7.92 N: 10.57

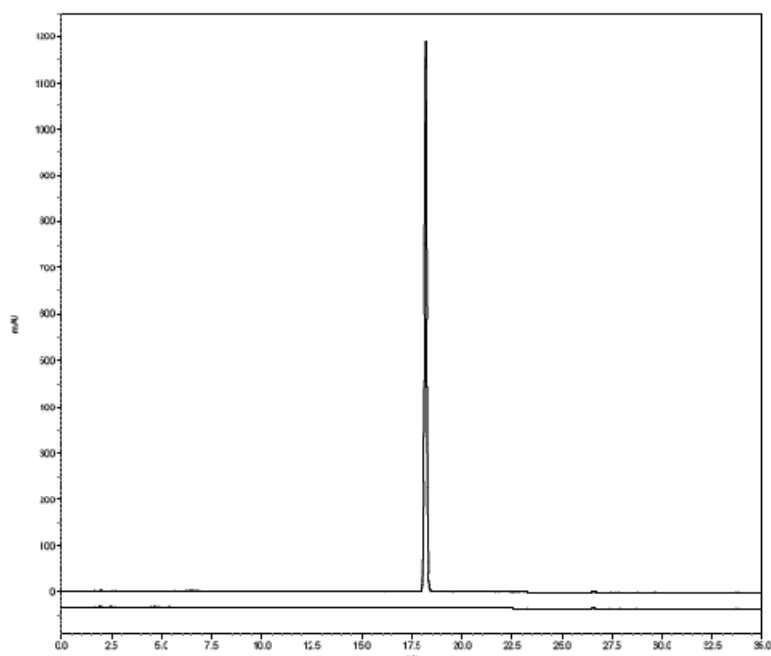
Amino Acid Analysis: 6N HCl, 110 °C, 22 h
 Pro (1) 1.00 Ile (1) 0.97

TLC: single spot

Silica Gel Layer Application: 50 µg

Solvent System: CHCl₃ : MeOH : AcOH = 95 : 5 : 3
 CHCl₃ : MeOH : AcOH : H₂O
 10 : 10 : 1 : 10 (lower phase)

Located by iodine and HBr/Ninhydrin reagent



Sample Size: 0.4 µl (5.4 mg / 540 µl | MeOH)
 Column: YMC Pack ODS A-302 (4.6 mm ID x 150 mm)
 Detection 210 nm

CA-074 Me is sold for research purposes only and not for use in humans

www.peptanova.de/products/Enzyme-Inhibitors/Cathepsin-and-Thiol-Proteases/CA-074-Me.html