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

M.W. 397.47  $C_{19}H_{31}N_{3}O_{6}$  CAS No: [147859-80-1]

**Appearance:** white powder

**Specific optical rotation:** \( [\alpha]^{20}_{D} = -26.1\,^\circ \) (C 1.39; EtOH)

**Elemental Analysis:**
- Calculated for $C_{19}H_{31}N_{3}O_{6}$
  - 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:**
- Application: 50 µg
- Solvent System: CHCl$_3$ : MeOH : AcOH = 95 : 5 : 3
  - CHCl$_3$ : MeOH : AcOH : H$_2$O
    - 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](http://www.peptanova.de/products/Enzyme-Inhibitors/Cathepsin-and-Thiol-Proteases/CA-074-Me.html)