

Cyclo(Ile-Leu) Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cyclo(Ile-Leu)

Catalog No.: CFN90289

Cas No.: 91741-17-2

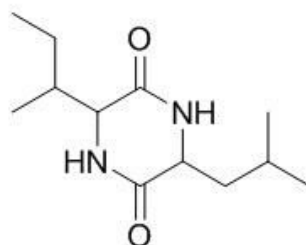
Purity: 98%

M.F: C₁₂H₂₂N₂O₂

M.W: 226.32

Physical Description: Powder

Synonyms: 3-Sec-butyl-6-isobutyl-piperazine-2,5-dione.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

From *Penicillium oxalicum*.

[Biological Activity or Inhibitors]

Cyclo(Ile-Leu) shows cytotoxic activity in vitro.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution;

Flow rate: 3.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 203 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Liu H B, Gao H, Wang N L, *et al. Journal of Shenyang Pharmaceutical University*, 2007, 24(8) :474-8.

[2] Wang L, Hu S Z, Liu C X, *et al. Chemical Research and Application*, 2014 (9):1478-82.

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