

Cyclo(D-Leu-L-Pro) Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cyclo(D-Leu-L-Pro)

Catalog No.: CFN96128

Cas No.: 36238-67-2

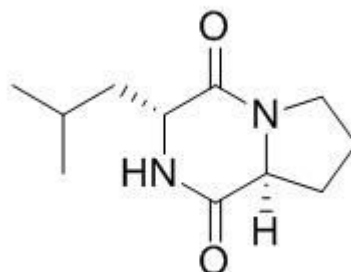
Purity: > 95%

M.F: C₁₁H₁₈N₂O₂

M.W: 210.3

Physical Description: Powder

Synonyms: (3R,8aS)-Octahydro-3-(2-methylpropyl)pyrrolo[1,2-a]pyrazine-1,4-dione.



[Intended Use]

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

[Source]

From *Phellinus igniarius*.

[Biological Activity or Inhibitors]

Cyclo(D-Leu-L-Pro) can help the host sponge to achieve the chemical defense of diatoms

attached.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 2.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Wu S, Yu S Y, Jiang W, *et al. Marine Sciences*, 2016, 40(7):23-32.

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