

Cyclo(Tyr-Leu) Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cyclo(Tyr-Leu)

Catalog No.: CFN90287

Cas No.: 82863-65-8

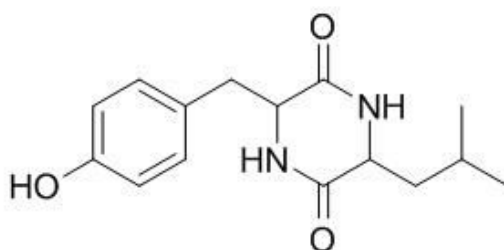
Purity: 98%

M.F: C₁₅H₂₀N₂O₃

M.W: 276.33

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The roots of *Panax notoginseng*.

[Biological Activity or Inhibitors]

Cyclo(Tyr-Leu) shows cytotoxicity at the concentration of 10 $\mu\text{mol/L}$.^[1]

Cyclo(Tyr-Leu) shows an antifungal property.^[2]

Cyclo-(Tyr-Leu) shows anticoagulant activities.^[3]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile- 0.1%Trifluoroacetic acid in water =20:80;

Flow rate:1.0 ml/min;

Column temperature: 30℃;

The wave length of determination:210 nm.

[Storage]

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

[References]

[1] Liu R, Zhu T J, Zhu W M, *et al. Chinese Journal of Antibiotics*,2006, 31(1):36-38,62.

[2] Kumar N, Gorantla J N, Mohandas C, *et al. Nat. Prod. Res.*,2013;27(23):2168-72.

[3] Liu B, Wang S M, Wang B L, *et al. Chinese Traditional Patent Medicine*, 2015,37 (1) : 34-9.

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