

Ohchinin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ohchinin

Catalog No.: CFN97704

Cas No.: 67023-80-7

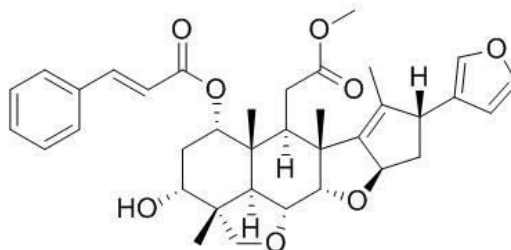
Purity: > 95%

M.F: C₃₆H₄₂O₈

M.W: 602.73

Physical Description: Powder

Synonyms: N²-[(4,6-Dimethoxy-2-naphthyl)sulfonyl]-L-arginyl-N-cyclohexylglycine.



[Intended Use]

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

[Source]

The barks of *Melia azedarach*.

[Biological Activity or Inhibitors]

Ohchinin exhibits potent inhibitory activities with 26 - 66% reduction of melanin content at 100 μm concentration with almost no or low toxicity to the B16 melanoma cells (70 - 99% cell viability at 100 μm).^[1]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Akihisa T, Horiuchi M, Matsumoto M, *et al.* *Chem. Biodivers.*, 2016, 13(10):1410-21.

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