

3,4-Secocucurbita-4,24-diene-3,26,29-trioic acid

Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 3,4-Secocucurbita-4,24-diene-3,26,29-trioic acid

Catalog No.: CFN98422

Cas No.: 329975-47-5

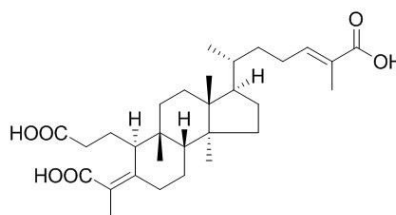
Purity: > 95%

M.F: C₃₀H₄₆O₆

M.W: 502.7

Physical Description: Powder

Synonyms: (24E)-3,4-Secocucurbita-4,24-diene-3,26,29-trioic acid.



[Intended Use]

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

[Source]

The herbs of *Russula lepida*.

[Biological Activity or Inhibitors]

(24 E)-3,4-Seco-cucurbita-4,24-diene-3,26,29-trioic acid can inhibit the activity of protein tyrosine phosphatase 1B (PTP1B), with IC 50 values of 0.4uM.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Lee J S, Maarisit W, Abdjul D B, *et al. Phytochemistry*, 2016, 127:63-8.

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