

Monomethyl kolavate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Monomethyl kolavate

Catalog No.: CFN98262

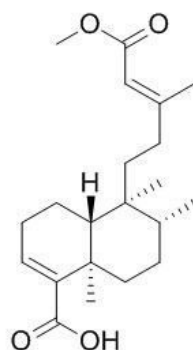
Cas No.: 24513-41-5

Purity: > 95%

M.F: C₂₁H₃₂O₄

M.W: 348.5

Physical Description: Powder



Synonyms: (4aR,5S,6R,8aR)-5-[(3E)-5-Methoxy-3-methyl-5-oxo-3-penten-1-yl]-5,6,8a-trimethyl-3,4,4a,5,6,7,8,8a-octahydro-1-naphthalenecarboxylic acid.

[Intended Use]

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

[Source]

The wood of *Gossweilerodendron balsamiferum*.

[Biological Activity or Inhibitors]

Monomethyl kolavate is a power Trypanosoma brucei glyceraldehyde-3-phosphate dehydrogenase (TbGAPDH) inhibitor, with an IC₅₀ value of 12uM.^[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] Herrmann F C, Lenz M, Jose J, *et al. Molecules*, 2015,20(9):16154-69.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com