

Lasiodin Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Lasiodin

Catalog No.: CFN92430

Cas No.: 28957-08-6

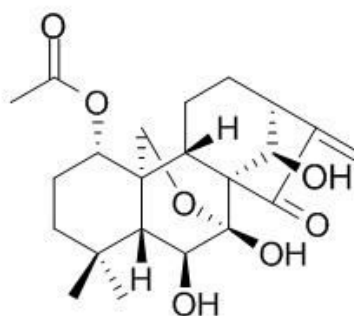
Purity: > 95%

M.F: C₂₂H₃₀O₇

M.W: 406.5

Physical Description: Cryst

Synonyms: 6,7,14-trihydroxy-15-oxo-7,20-epoxykaur-16-en-1-yl acetate;lasiokaurin.



[Intended Use]

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

[Source]

The herbs of *Isodon japonicus*.

[Biological Activity or Inhibitors]

Lasiodin can simultaneously activate the Apaf-1/caspase-dependent apoptotic pathways

and suppress the AKT/MAPK and COX-2/NFκB signaling pathways, it could be a promising natural compound for the prevention and treatment of nasopharyngeal carcinoma .^[1]

Lasiodin, effusanin E and effusanin F exhibit inhibition against gram-positive bacteria, they could be useful for the development of new antibacterial agents.^[2]

[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] Lin L, Deng W, Tian Y, *et al. Plos One*, 2014, 9(5):e97799-e97799.

[2] Lin L, Zhu D, Zou L, *et al. Food Chem.*, 2013, 139(1-4):902-9.

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