

Xanthinin Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Xanthinin

Catalog No.: CFN99644

Cas No.: 153483-31-9

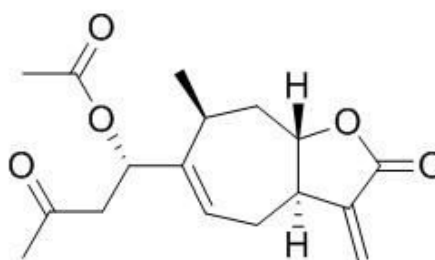
Purity: > 95%

M.F: C₁₇H₂₂O₅

M.W: 306.4

Physical Description: Powder

Synonyms: 2H-Cyclohepta[b]furan-2-one, 6-[1-(acetyloxy)-3-oxobutyl]-3,3a,4,7,8,8a-hexahydro-7-methyl-3-methylene-, [3aR-[3aa,6(S*),7b,8ab]]- (9CI).



[Intended Use]

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

[Source]

The herbs of *Xanthium sibiricum*.

[Biological Activity or Inhibitors]

Xanthinin is a plant growth-regulating compound from *Xanthium pennsylvanicum*. I.^[1]

Xanthinin is a phytotoxic xanthanolide, can inhibit the growth of plants.^[2]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Geissman T A, Deuel P, Bonde E K, *et al. Tree Physiol.*, 2008, 28(5):665-78.

[2] Shao H, Zeng R S, Wang R L, *et al. Allelopathy J.*, 2015, 35(1):77-86.

[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