

Curcolone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Curcolone

Catalog No.: CFN92651

Cas No.: 17015-43-9

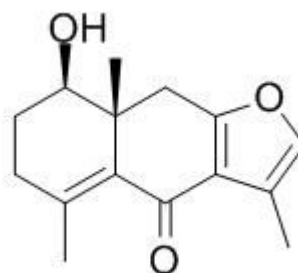
Purity: > 95%

M.F: C₁₅H₁₈O₃

M.W: 246.3

Physical Description: Powder

Synonyms: Naphtho[2,3-b]furan-4(6H)-one, 7,8,8a,9-tetrahydro-8-hydroxy-3,5,8a-trimethyl-, (8S,8aS)-; 10a-Eudesma-4,7,11-trien-6-one, 8,12-epoxy-1a-hydroxy-, (+)- (8CI).



[Intended Use]

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

[Source]

The rhizomes of *Curcuma zedoaria*.

[Biological Activity or Inhibitors]

Curcolone exhibits inhibition against collagen-induced platelet aggregation at 100 μ M, it also inhibit arachidonic acid (AA)-induced platelet aggregation at 100 μ M.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 214 nm.

[Storage]

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

[References]

[1] Chen J J, Tsai T H, Liao H R, *et al. Molecules*, 2016, 21(10):E1385.

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