

Effusanin A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Effusanin A

Catalog No.: CFN98377

Cas No.: 17388-39-5

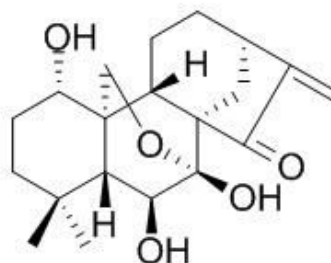
Purity: > 95%

M.F: C₂₀H₂₈O₅

M.W: 348.4

Physical Description: Powder

Synonyms: Kaur-16-en-15-one,7a,20-epoxy-1a,6b,7-trihydroxy- (8Cl);14-Deoxyoridonin.



[Intended Use]

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

[Source]

The herbs of *Rabdosia rubescens*.

[Biological Activity or Inhibitors]

Effusanin A has antibacterial activity. ^[1]

Effusanin A shows inhibitory effects on DU145 cells with IC₅₀ value of 3.16 microM, and LoVo cells with IC₅₀ value of 3.02 microM.^[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] Fujita T, Takeda Y, Shingu T, *et al. Chem. Lett.*, 1980, 9(12):1635-8.

[2] Zhang J X, He Z A, Chen Z Y, *et al. J. Asian Nat .Prod. Res.*,2009,11(8):693-7.

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