

Scutebata E Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Scutebata E

Catalog No.: CFN99325

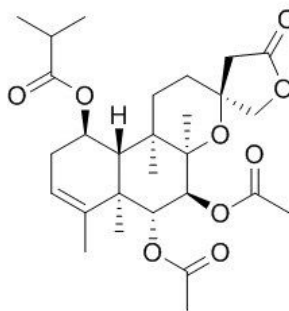
Cas No.: 1207181-61-0

Purity: > 95%

M.F: C₂₈H₄₀O₉

M.W: 520.6

Physical Description: Powder



Synonyms: (3S,4aR,5S,6R,6aR,10R,10aS,10bR)-5,6-Diacetoxy-4a,6a,7,10b-tetram

ethyl-5'-oxo-1,2,4',4a,5,5',6,6a,9,10,10a,10b-dodecahydrospiro[benzo[f]chromene-3,3'-furan]-10-yl 2-methylpropanoate.

[Intended Use]

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

[Source]

The herbs of *Scutellaria barbata* D.Don.

[Biological Activity or Inhibitors]

Scutebata E shows weak cytotoxicity with IC₅₀ values ranging from 35.11 to 42.73 uM against K562 and HL60 cell lines.^[1]

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol -H₂O=63:37 ;

Flow rate: 1.5 ml/min;

Column temperature: 30 °C;

The wave length of determination: 232 nm.

[Storage]

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

[References]

[1] Li Y Y, Tang X L, Jiang T, *et al. J. Asian Nat. Prod. Res.*,2013 Sep;15(9):941-9.

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