

Scutebata A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Scutebata A

Catalog No.: CFN99322

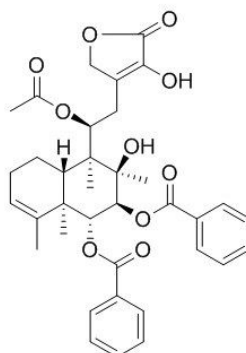
Cas No.: 1207181-57-4

Purity: > 95%

M.F: C₃₆H₄₀O₁₀

M.W: 632.7

Physical Description: Powder



Synonyms: (1R,2S,3R,4S,4aS,8aR)-4-[(1S)-1-Acetoxy-2-(4-hydroxy-5-oxo-2,5-dihydro-3-furanyl)ethyl]-3-hydroxy-3,4,8,8a-tetramethyl-1,2,3,4,4a,5,6,8a-octahydronaphthalene-1,2-diyl dibenzoate.

[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 A shows weak cytotoxicity against SK-BR-3 with an IC₅₀ value of 15.2 μM.^[1]

[Solvent]

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

[HPLC Method]^[2]

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] Zhu F, Di Y T, Liu LL, *et al. J. Nat. Prod.*,2010 Feb 26;73(2):233-6.

[2] 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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