

Salvianolic acid D Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Salvianolic acid D

Catalog No.: CFN90223

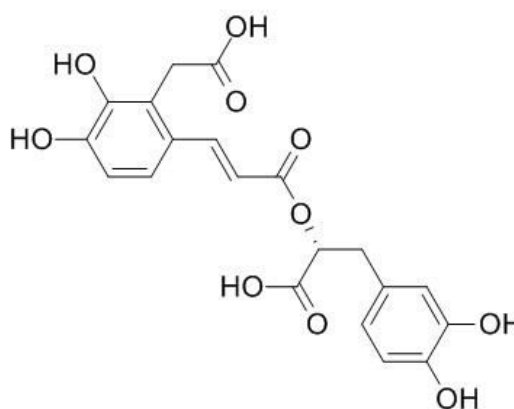
Cas No.: 142998-47-8

Purity: > 98%

M.F: C₂₀H₁₈O₁₀

M.W: 492.44

Physical Description: Cryst.



Synonyms: (alphaR)-alpha-[[[(2E)-3-[2-(Carboxymethyl)-3,4-dihydroxyphenyl]-1-oxo-2-propen-1-yl]oxy]-3,4-dihydroxybenzenepropanoic acid.

[Intended Use]

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

[Source]

The roots of *Salvia miltiorrhiza*.

[Biological Activity or Inhibitors]

Salvianolic acid and notoginseng triterpenes can promote EA-hy926 and expression of protein, have protective effects on angiogenesis in EA-hy926 cells in vitro. ^[1]

[Solvent]

Pyridine, DMSO, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[2]

Mobile phase: 0.02%Phosphoric acid in water- 0.02% Phosphoric acid in (80% acetonitrile in water),gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Shi H B, Chen J D, Chen X H, *et al. Chinese Journal of Natural Medicines*, 2013, 11(3):254-7.

[2] Xue J, Ye Z L, Li D K, *et al. Chinese Journal of Experimental Traditional Medical Formulae*, 2013, 19(3):70-3.

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