

Cerebroside B Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Cerebroside B

Catalog No.: CFN97455

Cas No.: 88642-46-0

Purity: > 95%

M.F: C₄₁H₇₇NO₉

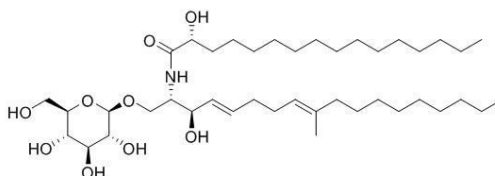
M.W: 728.1

Physical Description: Powder

Synonyms: (2R)-N-[(2S,3R,4E,8E)-1-(β-D-Glucopyranosyloxy)-3-hydroxy-9-methyl-4,8-octadecadien-2-yl]-2-hydroxyhexadecanamide; 1-O-Pivaloyl-glycerin;

Propanoic acid,2,2-dimethyl-,2,3-dihydroxypropyl ester; 1-Pivaloyloxypropane-2,3-diol;

Glucocerebroside.



[Intended Use]

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

[Source]

From *Boletus calopus*

[Biological Activity or Inhibitors]

Cerebroside B1b has antiulcerogenic activity.^[1]

[Solvent]

Pyridine, DMSO.

[HPLC Method]^[2]

Mobile phase: 1.5-7.5% Dioxane in hexane ,gradient elution ;

Flow rate: 1.5 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 230 nm.

[Storage]

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

[References]

[1] Kodato S I, Nakagawa M, Hino T. *Tetrahedron*, 1989, 45(23):7263-80.

[2] Jungalwala F B, Hayes L, Mccluer R H. *J. Lipid Res.*, 1977, 18(3):285-92.

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