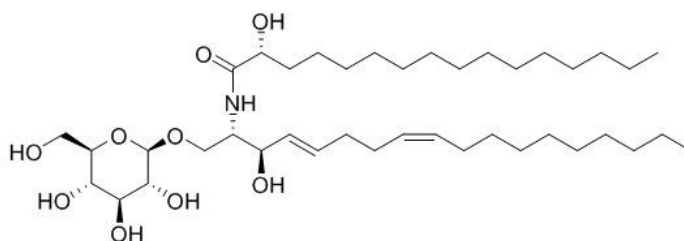


Soyacerebroside II Datasheet

5th Edition (Revised in January, 2017)**[Product Information]****Name:** Soyacerebroside II**Catalog No.:** CFN99250**Cas No.:** 115074-93-6**Purity:** > 95%**M.F:** C₄₀H₇₅NO₉**M.W:** 714.0**Physical Description:** Powder**Synonyms:** (2R)-2-hydroxy-N-[(3R,4E,8Z)-3-hydroxy-1-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoctadeca-4,8-dien-2-yl]hexadecanamide.**[Intended Use]**

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

[Source]The fruits of *Glycine max*.**[Biological Activity or Inhibitors]**

Soyacerebroside II exhibits ionophoretic activity for Ca²⁺ ion.^[1]

Soyacerebrosides I and II have modulating the cellular immune response effects, they show obvious inhibitory activity on IL-18 secretion in human peripheral blood mononuclear cells (PBMC).^[2]

[Solvent]

Pyridine, DMSO.

[HPLC Method]^[3]

Mobile phase: 1% Acetic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 248 nm.

[Storage]

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

[References]

[1] Shibuya H, Kawashima K, Sakagami M, *et al. Chem. Pharm. Bull. (Tokyo)*, 1990 Nov; 38(11):2933-8.

[2] Zhou X, Lan T, Liu Y. *Lipids*, 2009 Aug;44(8):759-63.

[3] Li W L, Sun Z, Cheng B, *et al. Guang Pu Xue Yu Guang Pu Fen Xi*. 2008 Aug;28(8): 1914-8.

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