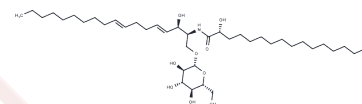


Soyacerebroside I

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 114297-20-0 |
| Formula: | C ₄₀ H ₇₅ N ₉ O ₉ |
| Molecular Weight: | 714.02 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|---------------|---|
| Description | Soyacerebroside I is a sphingoglycolipid discovered in Glycine max Merrill that exhibits ionosensitive activity toward Ca ²⁺ . |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.4005 mL | 7.0026 mL | 14.0052 mL |
| 5 mM | 0.2801 mL | 1.4005 mL | 2.801 mL |
| 10 mM | 0.1401 mL | 0.7003 mL | 1.4005 mL |
| 50 mM | 0.028 mL | 0.1401 mL | 0.2801 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Shibuya H, Kawashima K, Sakagami M, et al. Sphingolipids and glycerolipids. I. Chemical structures and ionophoretic activities of soya-cerebroside I and II from soybean. Chem Pharm Bull (Tokyo). 1990;38(11):2933-2938.

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