

Physion 8-O-β-D-glucoside

Chemical Properties

CAS No. : 26296-54-8

Formula: C₂₂H₂₂O₁₀

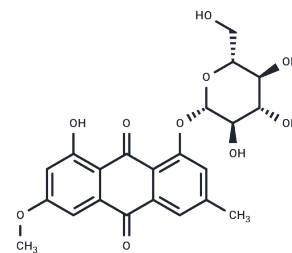
Molecular Weight: 446.4

Keep away from direct sunlight, Keep away from moisture

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 | 2-Hydroxy-3-methylbutyric acid is a structural analog of GHB, a naturally occurring substance found in the central nervous system, and a nootropic. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2401 mL | 11.2007 mL | 22.4014 mL |
| 5 mM | 0.448 mL | 2.2401 mL | 4.4803 mL |
| 10 mM | 0.224 mL | 1.1201 mL | 2.2401 mL |
| 50 mM | 0.0448 mL | 0.224 mL | 0.448 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

A tumor cell growth inhibitor from Polygonum hypoleucum Ohwi. Life Sci. 1997;61(23):2335-44.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481