Data Sheet (Cat.No.TN8853)

TargetMol

Borneol-2-O-glucopyranoside

Chemical Properties

CAS No. : 88763-93-3

Formula: C16H28O6

Molecular Weight: 316.40

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	Borneol-2-O-glucopyranoside is a bicyclic monoterpene glycoside formed when a glucose molecule binds to the borneol structure. Borneol-2-O-glucopyranoside is a derivative of borneol and is used in pharmacognosy and chemical biology research examining monoterpene glycoside formation and structure-activity relationships of borneol derivatives. Borneol-2-O-glucopyranoside is also applied in drug permeability-related experimental models investigating transporter interactions and membrane diffusion behavior in vitro.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1606 mL	15.8028 mL	31.6056 mL
5 mM	0.6321 mL	3.1606 mL	6.3211 mL
10 mM	0.3161 mL	1.5803 mL	3.1606 mL
50 mM	0.0632 mL	0.3161 mL	0.6321 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

Li F, Cheng T fang, Dong X, Li P, Yang H. Global analysis of chemical constituents in Shengmai injection using high performance liquid chromatography coupled with tandem mass spectrometry. J Pharm Biomed Anal. 2016 Jan 5; 117:61-72. doi:10.1016/j.jpba.2015.08.022 PubMed PMID: 26342447.

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