

Otophyllósíde B 4'''-O-beta-D-cymaropyranosíde

Chemical Properties

CAS No. : 171422-85-8

Formula: C56H90O19

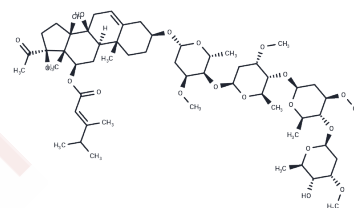
Molecular Weight: 1067.3

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Otophyllósíde B 4'''-O-beta-D-cymaropyranosíde is a natural steroidal glycoside that can inhibit the growth of cancer cells such as HepG2, HeLa, and U251 at micromolar concentrations (IC50 = 31.24-38.91 μM), exhibiting cytotoxic and anticancer potential.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9369 mL	4.6847 mL	9.3694 mL
5 mM	0.1874 mL	0.9369 mL	1.8739 mL
10 mM	0.0937 mL	0.4685 mL	0.9369 mL
50 mM	0.0187 mL	0.0937 mL	0.1874 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

Warashina T, Noro T. Steroidal glycosides from roots of *Cynanchum caudatum* M. II. Chem Pharm Bull (Tokyo). 1995 Oct;43(10):1734-7.

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