

Dipsacus saponin X

Chemical Properties

CAS No. : 146100-01-8

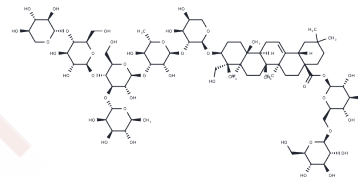
Formula: C76H124O40

Molecular Weight: 1677.77

Keep away from direct sunlight

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	Dipsacus saponin X is a triterpenoid saponin derived from Dipsacus asper. It stimulates the proliferation of UMR106 cells and increases alkaline phosphatase (ALP) activity. Additionally, it exhibits anti-acetylcholinesterase (AChE) activity, suggesting potential neuroprotective effects.
Targets(IC50)	Endogenous Metabolite,AChR,Phosphatase,Phosphorylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.596 mL	2.9801 mL	5.9603 mL
5 mM	0.1192 mL	0.596 mL	1.1921 mL
10 mM	0.0596 mL	0.298 mL	0.596 mL
50 mM	0.0119 mL	0.0596 mL	0.1192 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

Liu JJ, et al. Triterpenoid saponins from Dipsacus asper and their activities in vitro. J Asian Nat Prod Res. 2011 Sep; 13(9):851-60.

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