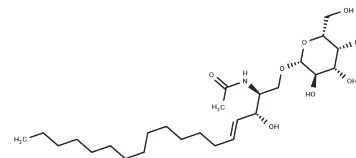


N-Acetylpsychosine

Chemical Properties

CAS No. :	35823-61-1
Formula:	C ₂₆ H ₄₉ NO ₈
Molecular Weight:	503.677
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-Acetylpsychosine, also known as α -galactosylated C2-ceramide (d18:1/2:0), exhibits immunostimulatory properties. This compound, N-Acetylpsychosine, holds potential as a valuable tool for studying the mechanisms of apoptosis and immune responses activated by dendritic cells (DCs).
In vitro	N-Acetylpsychosine induces concentration-dependent stimulation of the mixed leukocyte reaction (MLR) responses in concentrations from 80 ng/mL to 2 μ g/mL[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9854 mL	9.9269 mL	19.8539 mL
5 mM	0.3971 mL	1.9854 mL	3.9708 mL
10 mM	0.1985 mL	0.9927 mL	1.9854 mL
50 mM	0.0397 mL	0.1985 mL	0.3971 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.

Reference

T Sakai, et al. Effects of alpha- and beta-galactosylated C2-ceramides on the immune system. J Med Chem. 1998 Feb 12;41(4):650-2.

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: 36 Washington Street, Wellesley Hills, MA 02481