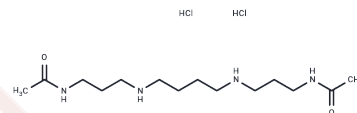


N1,N12-Diacetylspermine dihydrochloride

Chemical Properties

CAS No. :	77928-71-3
Formula:	C14H32Cl2N4O2
Molecular Weight:	359.34
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	N1,N12-Diacetylspermine dihydrochloride (Diacetylspermine 2HCl) is a diacetylated derivative of Spermine. The occurrence of cancer is associated with the up-regulation of N1,N12-Diacetylspermine dihydrochloride, making it a biomarker to detect cancer occurrence.
Targets(IC50)	Endogenous Metabolite
In vitro	N1, N12-Diacetylspermine Is Elevated in Colorectal Cancer and Promotes Proliferation through the miR-559/CBS Axis in Cancer Cell Lines[1].
Cell Research	N1, N12-Diacetylspermine Is Elevated in Colorectal Cancer and Promotes Proliferation through the miR-559/CBS Axis in Cancer Cell Lines.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7829 mL	13.9144 mL	27.8288 mL
5 mM	0.5566 mL	2.7829 mL	5.5658 mL
10 mM	0.2783 mL	1.3914 mL	2.7829 mL
50 mM	0.0557 mL	0.2783 mL	0.5566 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

Mu T, et, al. N1, N12-Diacetylspermine Is Elevated in Colorectal Cancer and Promotes Proliferation through the miR-559/CBS Axis in Cancer Cell Lines. J Oncol. 2021 Sep 24;2021:6665704

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