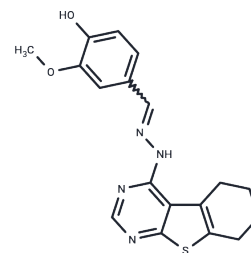


Exo2

Chemical Properties

CAS No. :	304684-77-3
Formula:	C ₁₈ H ₁₈ N ₄ O ₂ S
Molecular Weight:	354.43
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	Exo2 is a secretion inhibitor that cell-specifically disrupts the integrity of the trans-Golgi network (TGN) and interferes with the delivery of Shiga toxin to the endoplasmic lumen, and can be used to examine membrane trafficking in mammalian cells.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8214 mL	14.1072 mL	28.2143 mL
5 mM	0.5643 mL	2.8214 mL	5.6429 mL
10 mM	0.2821 mL	1.4107 mL	2.8214 mL
50 mM	0.0564 mL	0.2821 mL	0.5643 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

Spooner RA, et al. The secretion inhibitor Exo2 perturbs trafficking of Shiga toxin between endosomes and the trans-Golgi network. *Biochem J.* 2008 Sep 15;414(3):471-84.

Morgan A, et al. Exo1 and Exo2 proteins stimulate calcium-dependent exocytosis in permeabilized adrenal chromaffin cells. *Nature.* 1992 Feb 27;355(6363):833-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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