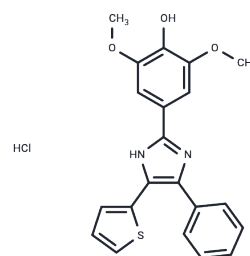


DPTIP hydrochloride

Chemical Properties

CAS No. :	2361799-64-4
Formula:	C ₂₁ H ₁₉ ClN ₂ O ₃ S
Molecular Weight:	414.91
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	DPTIP hydrochloride is a potent inhibitor of neutral sphingomyelinase (N-SMase 2) that can cross the blood-brain barrier. It acts as an exosome inhibitor with an IC ₅₀ value of 30 nM.
Targets(IC ₅₀)	Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4102 mL	12.0508 mL	24.1016 mL
5 mM	0.482 mL	2.4102 mL	4.8203 mL
10 mM	0.241 mL	1.2051 mL	2.4102 mL
50 mM	0.0482 mL	0.241 mL	0.482 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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