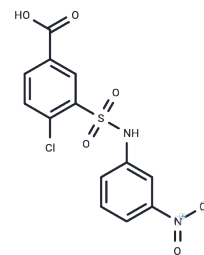


CTP inhibitor

Chemical Properties

CAS No. :	412940-35-3
Formula:	C ₁₃ H ₉ ClN ₂ O ₆ S
Molecular Weight:	356.74
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	CTP inhibitor is a highly effective and specific inhibitor of the plasma membrane citrate transporter (PMCT), effectively targeting and inhibiting the transporter responsible for citrate transport. [1]
Targets(IC50)	Others, Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8032 mL	14.0158 mL	28.0316 mL
5 mM	0.5606 mL	2.8032 mL	5.6063 mL
10 mM	0.2803 mL	1.4016 mL	2.8032 mL
50 mM	0.0561 mL	0.2803 mL	0.5606 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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