

CTP α S (Sp isomer)

Chemical Properties

CAS No. :	118353-34-7
Formula:	C ₉ H ₁₆ N ₃ O ₁₃ P ₃ S
Molecular Weight:	499.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	CTP α S (Sp isomer) serves as a monomeric precursor for nucleic acid synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0031 mL	10.0156 mL	20.0312 mL
5 mM	0.4006 mL	2.0031 mL	4.0062 mL
10 mM	0.2003 mL	1.0016 mL	2.0031 mL
50 mM	0.0401 mL	0.2003 mL	0.4006 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.

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