

dCTPαS

Chemical Properties

CAS No. :	64145-29-5
Formula:	C ₉ H ₁₆ N ₃ O ₁₂ P ₃ S
Molecular Weight:	483.22
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	dCTPαS [2'-Deoxycytidine-5'-O-(1-thiotriphosphate)] is a monomeric precursor used in nucleic acid synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0695 mL	10.3473 mL	20.6945 mL
5 mM	0.4139 mL	2.0695 mL	4.1389 mL
10 mM	0.2069 mL	1.0347 mL	2.0695 mL
50 mM	0.0414 mL	0.2069 mL	0.4139 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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