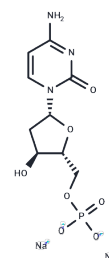


dCMP disodium

Chemical Properties

CAS No. :	13085-50-2
Formula:	C ₉ H ₁₂ N ₃ Na ₂ O ₇ P
Molecular Weight:	351.16
Storage:	Keep away from moisture, Store at low temperature 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	dCMP disodium (2'-Deoxycytidine 5'-monophosphate disodium) is a nucleotide that is widely found in cells and is one of the important intermediates in DNA synthesis and repair. dCMP disodium (2'-Deoxycytidine 5'-monophosphate disodium) is an inhibitor of the DNA synthesis and repair process.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8477 mL	14.2385 mL	28.477 mL
5 mM	0.5695 mL	2.8477 mL	5.6954 mL
10 mM	0.2848 mL	1.4239 mL	2.8477 mL
50 mM	0.057 mL	0.2848 mL	0.5695 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

Lin W, et al. The human REV1 gene codes for a DNA template-dependent dCMP transferase. Nucleic Acids Res. 1999 Nov 15;27(22):4468-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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