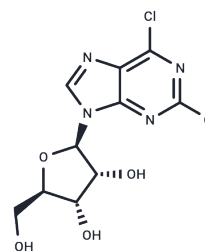


2,6-Dichloropurine-9- β -D-ribose

Chemical Properties

CAS No. :	13276-52-3
Formula:	C ₁₀ H ₁₀ Cl ₂ N ₄ O ₄
Molecular Weight:	321.12
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	2,6-Dichloropurine-9- β -D-ribose is a building block. It has been used in the synthesis of photoaffinity probes for nucleotide binding sites in proteins.
Targets(IC50)	Others

Solubility Information

Solubility	DMF: 30 mg/mL (93.42 mM), Sonication is recommended. DMSO:PBS (pH 7.2) (1:1): 0.5 mg/mL (1.56 mM), Sonication is recommended. DMSO: 30 mg/mL (93.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1141 mL	15.5705 mL	31.141 mL
5 mM	0.6228 mL	3.1141 mL	6.2282 mL
10 mM	0.3114 mL	1.5571 mL	3.1141 mL
50 mM	0.0623 mL	0.3114 mL	0.6228 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

Wower, J., Hixson, S.S., Sylvers, L.A., et al. Synthesis of 2,6-diazido-9-(β -D-ribofuranosyl)purine 3',5'-bisphosphate: Incorporation into transfer RNA and photochemical labeling of Escherichia coli ribosomes. *Bioconjug. Chem.* 5(2) 158-161 (1994)

Seiter, M.S., Bauer, M.P., Bogel, P.D., et al. Synthesis of novel spin-labeled photoaffinity derivatives of NAD⁺ and ATP and their characterization as coenzymes and substrates of several enzymes. *Synthesis* 2269-273 (1996)

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