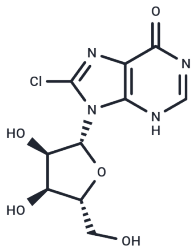
Data Sheet (Cat.No.TNU0316)

TargetMol

8-Chloroinosine

Chemical Properties



CAS No. : 116285-77-9

Formula: C10H11ClN4O5

Molecular Weight: 302.67

Storage: Keep away from direct sunlight,Keep away from moisture
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	8-Chloroinosine is a purine nucleoside analog and a metabolite of the anticancer compound 8-chloro-adenosine.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3039 mL	16.5196 mL	33.0393 mL
5 mM	0.6608 mL	3.3039 mL	6.6079 mL
10 mM	0.3304 mL	1.652 mL	3.3039 mL
50 mM	0.0661 mL	0.3304 mL	0.6608 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

Wang X, et al. Determination of pharmacokinetics of 8-chloroadenosine and its two major metabolites in dogs by high-performance liquid chromatography. J Chromatogr B Biomed Sci Appl. 2000 Sep 15;746(2):319-23.

Lange-Carter CA, et al. 8-Chloroadenosine mediates 8-chloro-cyclic AMP-induced down-regulation of cyclic AMP-dependent protein kinase in normal and neoplastic mouse lung epithelial cells by a cyclic AMP-independent mechanism. Cancer Res. 1993 Jan 15;53(2):393-400.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481