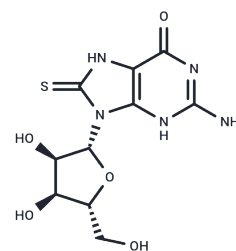


8-Mercaptoguanosine

Chemical Properties

CAS No. :	26001-38-7
Formula:	C10H13N5O5S
Molecular Weight:	315.31
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	8-Mercaptoguanosine acts as an immunoadjuvant influencing the in vivo antibody response to the T-cell-independent antigen TNP-Ficoll. It boosts IgG1, IgG2, and IgG3 antibody responses without affecting IgM responses. Additionally, it enhances responses to weak antigens like pneumococcal polysaccharide and restores reactions in immunodeficient xid mice unresponsive to TNP-Ficoll.
Targets(IC50)	Others,TLR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1715 mL	15.8574 mL	31.7148 mL
5 mM	0.6343 mL	3.1715 mL	6.343 mL
10 mM	0.3171 mL	1.5857 mL	3.1715 mL
50 mM	0.0634 mL	0.3171 mL	0.6343 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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