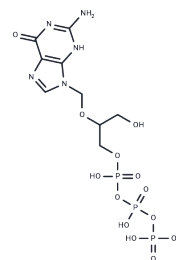


Ganciclovir triphosphate

Chemical Properties

CAS No. :	86761-38-8
Formula:	C ₉ H ₁₆ N ₅ O ₁₃ P ₃
Molecular Weight:	495.17
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	Ganciclovir triphosphate is a synthetic analog of 2'-deoxy-guanosine which is used to treat or prevent cytomegalovirus (CMV) infections. It inhibits the replication of human CMV with an IC ₅₀ value of 0.01 μM and is effective against strains of CMV from human, monkey, mouse, and guinea pig.
Targets(IC ₅₀)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0195 mL	10.0975 mL	20.1951 mL
5 mM	0.4039 mL	2.0195 mL	4.039 mL
10 mM	0.202 mL	1.0098 mL	2.0195 mL
50 mM	0.0404 mL	0.202 mL	0.4039 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481