

Fomivirsen

Chemical Properties

CAS No. :	144245-52-3
Formula:	C204H263N63O114P20S20
Molecular Weight:	6682.4
Storage:	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	Fomivirsen (ISIS-2922 free base), a 21-mer phosphorothioate antisense oligonucleotide, serves as an antiviral agent, particularly in CMV research, including AIDS studies. It functions by binding to and degrading the mRNAs that encode for the CMV immediate-early 2 protein, effectively inhibiting viral proliferation [1] [2].
Targets(IC50)	Others,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1496 mL	0.7482 mL	1.4965 mL
5 mM	0.0299 mL	0.1496 mL	0.2993 mL
10 mM	0.015 mL	0.0748 mL	0.1496 mL
50 mM	0.003 mL	0.015 mL	0.0299 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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