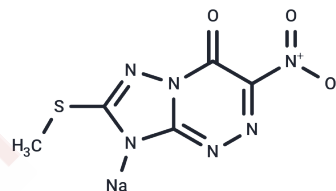


Riamilovir sodium

Chemical Properties

CAS No. :	116061-59-7
Formula:	C ₅ H ₃ N ₆ NaO ₃ S
Molecular Weight:	250.17
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	Riamilovir sodium (Triazavirin) is a novel guanine nucleoside analogue and broad-spectrum antiviral candidate. It completely blocks viral RNA synthesis and transcription by competitively inhibiting viral RNA-dependent RNA polymerase, demonstrating exceptionally potent in vitro neutralizing activity against various strains, including H5N1 avian influenza and multidrug-resistant variants.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9973 mL	19.9864 mL	39.9728 mL
5 mM	0.7995 mL	3.9973 mL	7.9946 mL
10 mM	0.3997 mL	1.9986 mL	3.9973 mL
50 mM	0.0799 mL	0.3997 mL	0.7995 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

Ferri N, et al. Virtual screening approach for the identification of new Rac1 inhibitors. J Med Chem. 2009 Jul 23;52(14):4087-90.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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