

SF2312 ammonium

Chemical Properties

CAS No. :

Formula: C₄H₁₁N₂O₆P

Molecular Weight: 214.11

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	SF2312 ammonium is the ammonium salt of SF2312, a phosphonate antibiotic and enolase inhibitor derived from the actinomycete Micromonospora and active under anaerobic conditions. Notably, SF2312 exhibits selective toxicity against ENO1-deleted glioma cells [1].
Targets(IC50)	Glucokinase,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6705 mL	23.3525 mL	46.705 mL
5 mM	0.9341 mL	4.6705 mL	9.341 mL
10 mM	0.467 mL	2.3352 mL	4.6705 mL
50 mM	0.0934 mL	0.467 mL	0.9341 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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