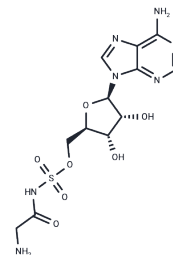


GlyRS-IN-1

Chemical Properties

CAS No. :	112921-11-6
Formula:	C ₁₂ H ₁₇ N ₇ O ₇ S
Molecular Weight:	403.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	GlyRS-IN-1 is an inhibitor of glycyl-tRNA synthase (GlyRS). It can inhibit the growth of bacteria.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (247.91 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4791 mL	12.3956 mL	24.7911 mL
5 mM	0.4958 mL	2.4791 mL	4.9582 mL
10 mM	0.2479 mL	1.2396 mL	2.4791 mL
50 mM	0.0496 mL	0.2479 mL	0.4958 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.

Reference

Xiang-Lei Yang, et al. INHIBITION OF NEDDYLATION USING GLYCYL-tRNA SYNTHETASE INHIBITORS. WO 2017066459 A1.

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