
Product Data Sheet

Product Name: GlyRS-IN-1

Cat. No.: GC32366

Chemical Properties

Cas. No. 112921-11-6

SMILES O[C@@H]1[C@@H](COS(=O)(NC(CN)=O)=O)O[C@@H](N2C(N=CN=C3N)=C3N=C2)[C@@H]1OFormula C₁₂H₁₇N₇O₇S

M.Wt 403.37

Solubility DMSO : 100 mg/mL (247.91 mM)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

GlyRS-IN-1 is a glycyI-tRNA synthase (GlyRS) inhibitor extracted from patent WO 2017066459 A1. GlyRS-IN-1 can also inhibit the growth of bacteria.

References:

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

Caution: Product has not been fully validated for medical applications. For research use only.

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