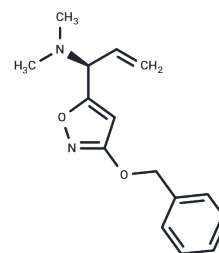


TP748

Chemical Properties

CAS No. : 951698-15-0
 Formula: C₁₅H₁₈N₂O₂
 Molecular Weight: 258.32
 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	TP748 is a key intermediate for fully synthetic tetracyclines, and is an isoxazole.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 36.67 mg/mL (141.96 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	3.8712 mL	19.3558 mL	38.7117 mL
5 mM	0.7742 mL	3.8712 mL	7.7423 mL
10 mM	0.3871 mL	1.9356 mL	3.8712 mL
50 mM	0.0774 mL	0.3871 mL	0.7742 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

Wu-Yan Zhang, et al. Process Research and Development of TP-808: A Key Intermediate for the Manufacture of Synthetic Tetracyclines. Process Res. Dev. 2017, 21, 3, 377-386.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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