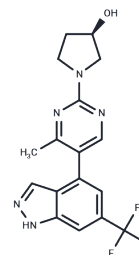


TP-004

Chemical Properties

CAS No. : 1454299-21-8
 Formula: C₁₇H₁₆F₃N₅O
 Molecular Weight: 363.34
 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	TP-004 is a potent, reversible inhibitor of methionine aminopeptidase 2 (MetAP2) with an IC ₅₀ of 6 nM.
Targets(IC ₅₀)	Others,Aminopeptidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7522 mL	13.7612 mL	27.5224 mL
5 mM	0.5504 mL	2.7522 mL	5.5045 mL
10 mM	0.2752 mL	1.3761 mL	2.7522 mL
50 mM	0.055 mL	0.2752 mL	0.5504 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

Cheruvallath, Z., et al. Discovery of potent, reversible MetAP2 inhibitors via fragment based drug discovery and structure based drug design—Part Bioorganic & Medicinal Chemistry Letters, 26(12), 2774-2778.

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