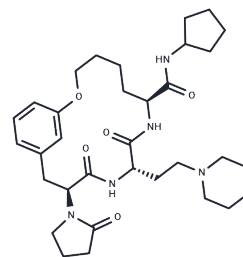


TDI-8304

Chemical Properties

CAS No. : 2307262-96-8
 Formula: C₃₂H₄₇N₅O₆
 Molecular Weight: 597.75
 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	TDI-8304 is a macrocyclic peptide that acts as a potent, species-selective, and noncovalent inhibitor of Plasmodium falciparum (Pf20S). It demonstrates high selectivity for Pf20S compared to human proteasomes [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6729 mL	8.3647 mL	16.7294 mL
5 mM	0.3346 mL	1.6729 mL	3.3459 mL
10 mM	0.1673 mL	0.8365 mL	1.6729 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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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