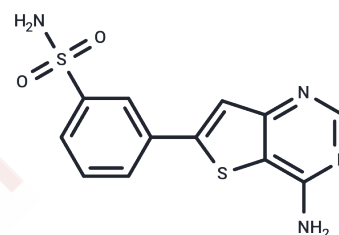


OSM-S-106

## Chemical Properties

CAS No. : 2650846-59-4  
 Formula: C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>  
 Molecular Weight: 306.36  
 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	OSM-S-106 is a pro-inhibitor that inhibits PfAsnRS through enzyme-mediated production of an Asn-OSM-S-106 adduct, inhibits protein translation, and activates the amino acid starvation response. OSM-S-106 exhibits selective activity against Plasmodium blood and liver stages and shows low intrinsic clearance by human
Targets(IC50)	Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2641 mL	16.3207 mL	32.6413 mL
5 mM	0.6528 mL	3.2641 mL	6.5283 mL
10 mM	0.3264 mL	1.6321 mL	3.2641 mL
50 mM	0.0653 mL	0.3264 mL	0.6528 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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