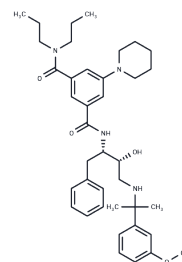


## Plm IV inhibitor-2

## Chemical Properties

CAS No. : 1539276-38-4  
 Formula: C<sub>39</sub>H<sub>54</sub>N<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 642.87  
 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	Plm IV Inhibitor-2 is a powerful inhibitor of digestive vacuole plasmepsins IV (Plm IV), displaying IC <sub>50</sub> values of 24 nM for Plm IV, 70 nM for Plm II, and 0.3 μM for Plm I. It is used in malaria research involving Plasmodium parasites.
Targets(IC <sub>50</sub> )	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5555 mL	7.7776 mL	15.5552 mL
5 mM	0.3111 mL	1.5555 mL	3.111 mL
10 mM	0.1556 mL	0.7778 mL	1.5555 mL
50 mM	0.0311 mL	0.1556 mL	0.3111 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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