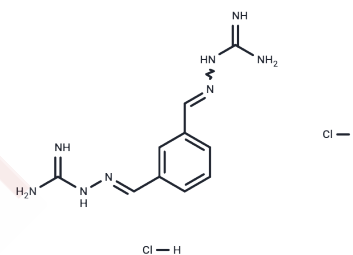


YCN47284

## Chemical Properties

CAS No. : 181147-28-4  
 Formula: C<sub>10</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>8</sub>  
 Molecular Weight: 319.19  
 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	YCN47284 is an antimalarial compound with an IC <sub>50</sub> of 1 μM for P. falciparum.
Targets(IC <sub>50</sub> )	Parasite

## Solubility Information

Solubility	DMSO: 70 mg/mL (219.31 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	3.1329 mL	15.6647 mL	31.3293 mL
5 mM	0.6266 mL	3.1329 mL	6.2659 mL
10 mM	0.3133 mL	1.5665 mL	3.1329 mL
50 mM	0.0627 mL	0.3133 mL	0.6266 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

Peter Ulrich, Anthony Cerami. Anti-malarial compounds, compositions and methods. US20030186993A1

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