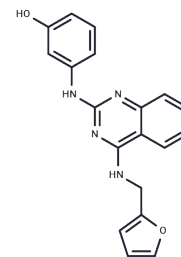


WAY-309236

Chemical Properties

CAS No. : 690697-43-9
 Formula: C₁₉H₁₆N₄O₂
 Molecular Weight: 332.36
 Storage: Keep away from direct sunlight
 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	WAY-309236 is a bioactive biochemical reagent exhibiting inhibitory activity against both drug-sensitive (3D7) and drug-resistant (W2) strains of Plasmodium falciparum, with IC ₅₀ values of 275 nM and 279 nM, respectively.
Targets(IC ₅₀)	Parasite

Solubility Information

Solubility	DMSO: ≥ 50 mg/mL, 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	3.0088 mL	15.0439 mL	30.0879 mL
5 mM	0.6018 mL	3.0088 mL	6.0176 mL
10 mM	0.3009 mL	1.5044 mL	3.0088 mL
50 mM	0.0602 mL	0.3009 mL	0.6018 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

Plouffe D, et al. In silico activity profiling reveals the mechanism of action of antimalarials discovered in a high-throughput screen. Proc Natl Acad Sci U S A. 2008;105(26):9059-9064.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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