

MMV666693

Chemical Properties

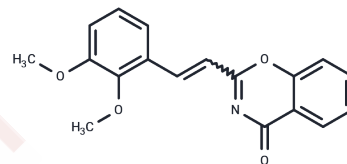
CAS No. : 312527-99-4

Formula: C₁₈H₁₅NO₄

Molecular Weight: 309.32

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	MMV666693 is a selective allosteric Plasmodium Kinesin-5 inhibitor.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2329 mL	16.1645 mL	32.329 mL
5 mM	0.6466 mL	3.2329 mL	6.4658 mL
10 mM	0.3233 mL	1.6164 mL	3.2329 mL
50 mM	0.0647 mL	0.3233 mL	0.6466 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

Liu L, Richard J, Kim S, Wojcik EJ. Small molecule screen for candidate antimalarials targeting Plasmodium Kinesin-5. *J Biol Chem.* 2014 Jun 6;289(23):16601-14. doi: 10.1074/jbc.M114.551408. Epub 2014 Apr 15. PubMed PMID: 24737313; PubMed Central PMCID: PMC4047425.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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