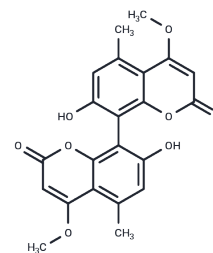


## P-orlandin

## Chemical Properties

CAS No. :	1407546-21-7
Formula:	C <sub>22</sub> H <sub>18</sub> O <sub>8</sub>
Molecular Weight:	410.37
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	P-orlandin, a fungal metabolite, effectively impedes Plasmodium falciparum infection in mosquitoes by preventing FREP1 from binding to gametocytes or ookinetes [1].
Targets(IC50)	Others,Endogenous Metabolite,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4368 mL	12.1841 mL	24.3683 mL
5 mM	0.4874 mL	2.4368 mL	4.8737 mL
10 mM	0.2437 mL	1.2184 mL	2.4368 mL
50 mM	0.0487 mL	0.2437 mL	0.4874 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.

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