

Pulixin

Chemical Properties

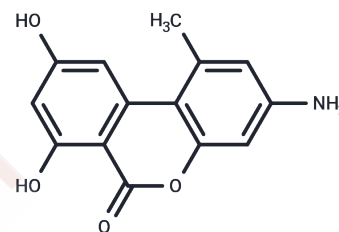
CAS No. : 2826264-81-5

Formula: C₁₄H₁₁NO₄

Molecular Weight: 257.24

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	Pulixin inhibits FREP1 binding to P. falciparum-infected cell lysate, obstructs parasite transmission to mosquitoes with an EC ₅₀ of 11 μM, and impedes asexual-stage P. falciparum proliferation with an EC ₅₀ of 47 nM [1].
Targets(IC ₅₀)	Others,Endogenous Metabolite,Parasite
In vitro	Pulixin, a fungal metabolite, suppresses the transmission and infection of Plasmodium falciparum and exhibits no cytotoxicity at concentrations up to 116 μM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8874 mL	19.4371 mL	38.8742 mL
5 mM	0.7775 mL	3.8874 mL	7.7748 mL
10 mM	0.3887 mL	1.9437 mL	3.8874 mL
50 mM	0.0777 mL	0.3887 mL	0.7775 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

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