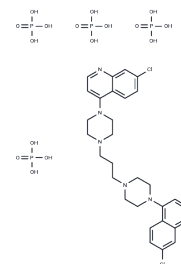


Piperaquine tetraphosphate

Chemical Properties

CAS No. : 911061-10-4
 Formula: C₂₉H₄₄Cl₂N₆O₁₆P₄
 Molecular Weight: 927.49
 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	Piperaquine tetraphosphate, a potent antimalarial agent, demonstrates inhibitory effects against both chloroquine-sensitive and chloroquine-resistant malaria isolates. When combined with dihydroartemisinin, it holds potential for researching chloroquine-resistant malaria [1] [2].
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0782 mL	5.3909 mL	10.7818 mL
5 mM	0.2156 mL	1.0782 mL	2.1564 mL
10 mM	0.1078 mL	0.5391 mL	1.0782 mL
50 mM	0.0216 mL	0.1078 mL	0.2156 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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