

GS-9191 PM

## Chemical Properties

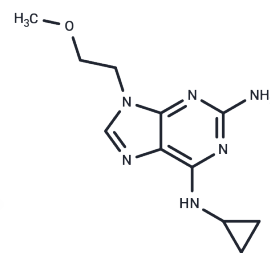
CAS No. :

Formula: C<sub>11</sub>H<sub>16</sub>N<sub>6</sub>O

Molecular Weight: 248.28

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	GS-9191 PM is a novel antitumorviral compound, a bis-amide prodrug of the nucleotide analog 9-(2-phosphonmethoxyethyl)-N6-cyclopropyl-2,6-diaminopurine (cPrPMEDAP). GS-9191 PM is a potent inhibitor of MDR1 and BCRP. GS-9191 PM exhibits both antiproliferative and antitumorviral activities.
Targets(IC50)	BCRP, Antiviral

## Solubility Information

Solubility	DMSO: 45 mg/mL (181.25 mM), 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	4.0277 mL	20.1386 mL	40.2771 mL
5 mM	0.8055 mL	4.0277 mL	8.0554 mL
10 mM	0.4028 mL	2.0139 mL	4.0277 mL
50 mM	0.0806 mL	0.4028 mL	0.8055 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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