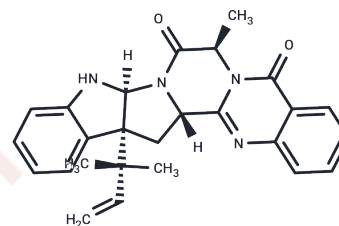


Ardeemin

Chemical Properties

CAS No. :	148441-25-2
Formula:	C ₂₆ H ₂₆ N ₄ O ₂
Molecular Weight:	426.51
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	Ardeemin ((-)-Ardeemin) binds to P-glycoprotein, inhibiting the efflux of anticancer drugs from cells. In breast cancer xenograft models, Ardeemin can reverse the multidrug resistance phenotype of tumor cells and enhance their sensitivity to anticancer drugs.
Targets(IC50)	P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3446 mL	11.7231 mL	23.4461 mL
5 mM	0.4689 mL	2.3446 mL	4.6892 mL
10 mM	0.2345 mL	1.1723 mL	2.3446 mL
50 mM	0.0469 mL	0.2345 mL	0.4689 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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