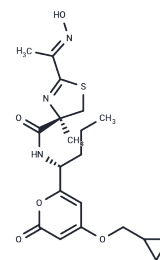


PM534

Chemical Properties

CAS No. : 2446376-25-4
 Formula: C₂₀H₂₇N₃O₅
 Molecular Weight: 421.51
 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	PM534, a tubulin-targeting agent, inhibits tubulin assembly with IC ₅₀ values of 0.8-3.2 nM. PM534 binds to the colchicine site of tubulin, demonstrating high antitumor activity [1].
Targets(IC ₅₀)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3724 mL	11.8621 mL	23.7242 mL
5 mM	0.4745 mL	2.3724 mL	4.7448 mL
10 mM	0.2372 mL	1.1862 mL	2.3724 mL
50 mM	0.0474 mL	0.2372 mL	0.4745 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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