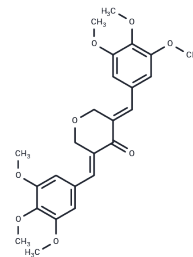


BP-M345

Chemical Properties

CAS No. : 1360119-00-1
 Formula: C₂₅H₂₈O₈
 Molecular Weight: 456.49
 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	BP-M345 (compound 5) serves as a powerful antiproliferative agent that selectively targets cancer cells while demonstrating minimal toxicity to non-tumor cells. It effectively inhibits cancer cell proliferation, achieving a GI 50 value between 0.17 to 0.45 μ M [1].
Targets(IC50)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1906 mL	10.9531 mL	21.9063 mL
5 mM	0.4381 mL	2.1906 mL	4.3813 mL
10 mM	0.2191 mL	1.0953 mL	2.1906 mL
50 mM	0.0438 mL	0.2191 mL	0.4381 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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