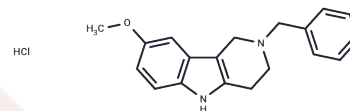


A 30312

Chemical Properties

CAS No. : 144092-65-9
 Formula: C₁₉H₂₁ClN₂O
 Molecular Weight: 328.84
 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	A 30312 is a fused indole, which overcomes multidrug resistance in P388/Adr cells in vitro. It potentiates the cytotoxicity of the antitumor drugs Adriamycin, vincristine and vinblastine in multidrug-resistant cells with no effect on drug-sensitive parent P388 cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.041 mL	15.205 mL	30.4099 mL
5 mM	0.6082 mL	3.041 mL	6.082 mL
10 mM	0.3041 mL	1.5205 mL	3.041 mL
50 mM	0.0608 mL	0.3041 mL	0.6082 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.

Reference

Kadam S, Maus M, Poddig J, Schmidt S, Rasmussen R, Novosad E, Plattner J, McAlpine J. Reversal of multidrug resistance by two novel indole derivatives. Cancer Res. 1992 Sep 1;52(17):4735-40. PubMed PMID: 1355008.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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