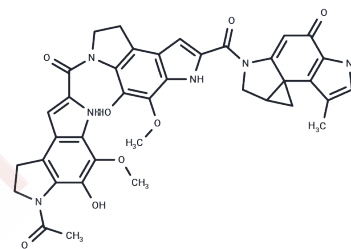


Gilvusmycin

Chemical Properties

CAS No. :	195052-09-6
Formula:	C ₃₈ H ₃₄ N ₆ O ₈
Molecular Weight:	702.712
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	Gilvusmycin is an antibiotic with potent antitumor properties. It effectively inhibits the proliferation of P388, K562, A431, and MKN28 cells, with IC ₅₀ values (ng/mL) of 0.08, 0.86, 0.72, and 0.75, respectively.
Targets(IC ₅₀)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4231 mL	7.1153 mL	14.2306 mL
5 mM	0.2846 mL	1.4231 mL	2.8461 mL
10 mM	0.1423 mL	0.7115 mL	1.4231 mL
50 mM	0.0285 mL	0.1423 mL	0.2846 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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