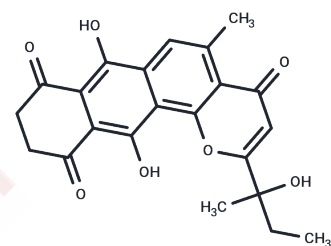


Parimycin

Chemical Properties

CAS No. :	557762-47-7
Formula:	C ₂₂ H ₂₀ O ₇
Molecular Weight:	396.39
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	Parimycin exhibits activity against Gram-positive and Gram-negative bacteria, as well as tumors, but shows no efficacy against fungi. It inhibits tumor cells such as GXF 251L, H640, LXFA 629L, MCF-7, and MEXF 514L, with an IC ₇₀ range of 0.9-6.7 µg/mL.
Targets(IC ₅₀)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5228 mL	12.6138 mL	25.2277 mL
5 mM	0.5046 mL	2.5228 mL	5.0455 mL
10 mM	0.2523 mL	1.2614 mL	2.5228 mL
50 mM	0.0505 mL	0.2523 mL	0.5046 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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