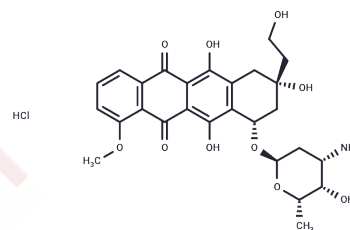


GPX100 HCl

Chemical Properties

CAS No. :	65360-29-4
Formula:	C ₂₇ H ₃₂ ClNO ₁₀
Molecular Weight:	566
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	GPX-100 is a n analogue of the anthracycline antineoplastic antibiotic doxorubicin. GPX-100 intercalates DNA and interacts with topoisomerase II, thereby inhibiting DNA replication and repair and RNA and protein synthesis. GPX-100 was designed to be a non-cardiotoxic anthracycline antibiotic. Check for active clinical trials or closed clinical trials using this agent. (NCI Thesaurus).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7668 mL	8.8339 mL	17.6678 mL
5 mM	0.3534 mL	1.7668 mL	3.5336 mL
10 mM	0.1767 mL	0.8834 mL	1.7668 mL
50 mM	0.0353 mL	0.1767 mL	0.3534 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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