

meso-Tetra(4-pyridyl)porphine

Chemical Properties

CAS No. :	16834-13-2
Formula:	C ₄₀ H ₂₆ N ₈
Molecular Weight:	618.688
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	meso-Tetra(4-pyridyl)porphine (Compound 10) is a porphyrin derivative. It acts as a weak inhibitor of human topoisomerase I (Top1), with an EC ₅₀ greater than 50 μM. This compound can be utilized in cancer research.
Targets(IC ₅₀)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6163 mL	8.0816 mL	16.1632 mL
5 mM	0.3233 mL	1.6163 mL	3.2326 mL
10 mM	0.1616 mL	0.8082 mL	1.6163 mL
50 mM	0.0323 mL	0.1616 mL	0.3233 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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