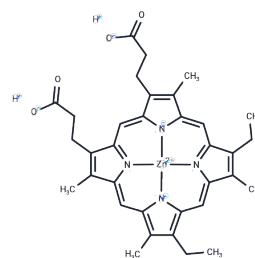


Zn(II) Mesoporphyrin IX

Chemical Properties

CAS No. :	14354-67-7
Formula:	C ₃₄ H ₃₆ N ₄ O ₄ Zn
Molecular Weight:	630.08
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	Zn(II) Mesoporphyrin IX (ZnMP) serves as a potent activator for ABCB10, markedly enhancing its ATPase activity and serving as a substrate in heme synthesis. It also may boost hemoglobinization gene transcription by aiding in the degradation of the Bach1 repressor. Additionally, Zn(II) Mesoporphyrin IX is utilized in research to explore ABCB10's functions related to heme synthesis, protection against oxidative stress, hepatitis C, and more.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5871 mL	7.9355 mL	15.871 mL
5 mM	0.3174 mL	1.5871 mL	3.1742 mL
10 mM	0.1587 mL	0.7936 mL	1.5871 mL
50 mM	0.0317 mL	0.1587 mL	0.3174 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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