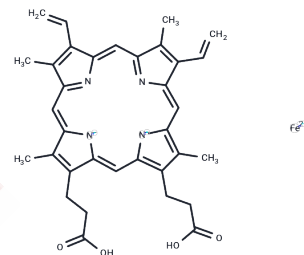


Ferroheme

Chemical Properties

CAS No. :	14875-96-8
Formula:	C ₃₄ H ₃₂ FeN ₄ O ₄
Molecular Weight:	616.49
Storage:	Keep away from direct sunlight 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	Ferroheme (protoheme) is the color-furnishing portion of hemoglobin. It is found free in tissues and as the prosthetic group in many hemoproteins. A Ferroheme or haem is a prosthetic group that consists of an iron atom contained in the center of a large heterocyclic organic ring called a porphyrin.
Targets(IC50)	Others,NO Synthase,Fatty Acid Synthase

Solubility Information

Solubility	DMSO: 3.1 mg/mL (5.03 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6221 mL	8.1104 mL	16.2209 mL
5 mM	0.3244 mL	1.6221 mL	3.2442 mL
10 mM	0.1622 mL	0.811 mL	1.6221 mL
50 mM	0.0324 mL	0.1622 mL	0.3244 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481