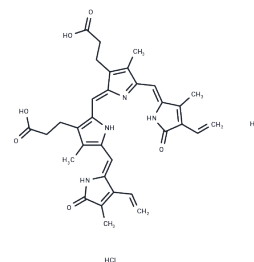


Biliverdin dihydrochloride

Chemical Properties

CAS No. :	55482-27-4
Formula:	C ₃₃ H ₃₆ Cl ₂ N ₄ O ₆
Molecular Weight:	655.57
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	Biliverdin dihydrochloride is a tetrapyrrolic pigment resulting from the degradation of heme. Heme is broken down by heme oxygenase into biliverdin, carbon monoxide, and iron. Subsequently, biliverdin is rapidly converted to bilirubin by biliverdin reductase. Biliverdin dihydrochloride exhibits antimutagenic, antioxidant, anti-inflammatory, and immunosuppressive properties.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5254 mL	7.627 mL	15.2539 mL
5 mM	0.3051 mL	1.5254 mL	3.0508 mL
10 mM	0.1525 mL	0.7627 mL	1.5254 mL
50 mM	0.0305 mL	0.1525 mL	0.3051 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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