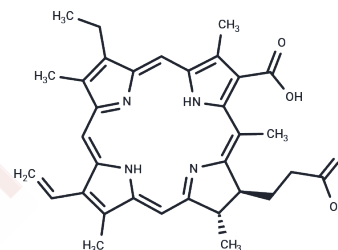


Chlorin e4

Chemical Properties

CAS No. :	550-52-7
Formula:	C ₃₃ H ₃₆ N ₄ O ₄
Molecular Weight:	552.66
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	Chlorin e4 is an organic compound from the dihydroporphyrin family, which consists of macrocyclic compounds structurally similar to porphyrins. It is typically employed to enhance photodynamic therapy for cancer and other diseases. In medical research, Chlorin e4 serves as a photosensitizer for local tumor destruction and is also studied for its antibacterial properties and potential use in disinfection applications.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8094 mL	9.0472 mL	18.0943 mL
5 mM	0.3619 mL	1.8094 mL	3.6189 mL
10 mM	0.1809 mL	0.9047 mL	1.8094 mL
50 mM	0.0362 mL	0.1809 mL	0.3619 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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