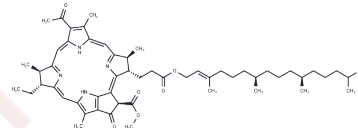


Bacteriopheophytin

Chemical Properties

CAS No. :	17453-58-6
Formula:	C55H76N4O6
Molecular Weight:	889.22
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	Bacteriopheophytin, a photosynthetic pigment found in bacteria, is a demetallated form of bacterial chlorophyll where the magnesium ion at the center is replaced by two hydrogen atoms. It functions as an electron acceptor within the reaction center (RC) of purple bacteria, playing a crucial role in the electron transfer process [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1246 mL	5.6229 mL	11.2458 mL
5 mM	0.2249 mL	1.1246 mL	2.2492 mL
10 mM	0.1125 mL	0.5623 mL	1.1246 mL
50 mM	0.0225 mL	0.1125 mL	0.2249 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