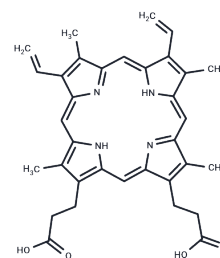


Protoporphyrin IX

Chemical Properties

CAS No. :	553-12-8
Formula:	C ₃₄ H ₃₄ N ₄ O ₄
Molecular Weight:	562.66
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Protoporphyrin IX (PPIX) is a tetrapyrrole containing 4 methyl, 2 propionic and 2 vinyl side chains that is a metabolic precursor for hemes, cytochrome c, and chlorophyll.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 5.63 mg/mL (10 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7773 mL	8.8864 mL	17.7727 mL
5 mM	0.3555 mL	1.7773 mL	3.5545 mL
10 mM	0.1777 mL	0.8886 mL	1.7773 mL
50 mM	0.0355 mL	0.1777 mL	0.3555 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.

Reference

ALAN R., et al. Nature 285, 17 - 21 (01 May 1980);

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481