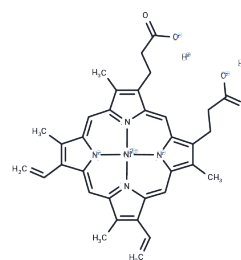


Ni(II) protoporphyrin IX

Chemical Properties

CAS No. :	15415-30-2
Formula:	C ₃₄ H ₃₂ N ₄ NiO ₄
Molecular Weight:	619.34
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	Ni(II) protoporphyrin IX is a metalloporphyrin compound characterized by limited propensity for axial ligation and distortion upon binding to [ferrochelatase].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6146 mL	8.0731 mL	16.1462 mL
5 mM	0.3229 mL	1.6146 mL	3.2292 mL
10 mM	0.1615 mL	0.8073 mL	1.6146 mL
50 mM	0.0323 mL	0.1615 mL	0.3229 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.

Reference

Lu Y, et al. Binding of protoporphyrin IX and metal derivatives to the active site of wild-type mouse ferrochelatase at low porphyrin-to-protein ratios. *Biochemistry*. 2002;41(26):8253-8262.

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