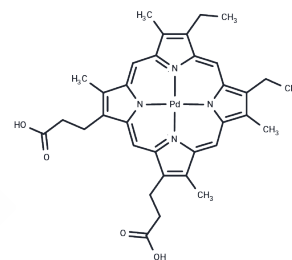


Pd(II) Mesoporphyrin IX

Chemical Properties

CAS No. :	40680-45-3
Formula:	C ₃₄ H ₃₆ N ₄ O ₄ Pd
Molecular Weight:	671.09
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	Pd(II) Mesoporphyrin IX is a metalloporphyrin complex formed by the coordination of Pd ²⁺ with the mesoporphyrin IX skeleton. It often exhibits long-lived phosphorescence properties with sensitive oxygen quenching responses and is widely used as an optical probe for oxygen partial pressure detection in biological systems and mitochondrial respiration studies.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4901 mL	7.4506 mL	14.9011 mL
5 mM	0.298 mL	1.4901 mL	2.9802 mL
10 mM	0.149 mL	0.7451 mL	1.4901 mL
50 mM	0.0298 mL	0.149 mL	0.298 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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