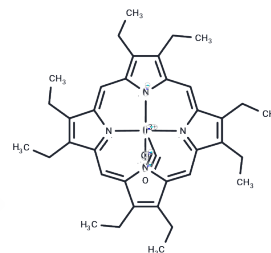


## Ir(III) Octaethylporphine chloride

## Chemical Properties

CAS No. :	68324-58-3
Formula:	C <sub>37</sub> H <sub>44</sub> ClIrN <sub>4</sub> O
Molecular Weight:	788.44
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	Ir(III) Octaethylporphine chloride is a synthetic porphyrin primarily used as a potent catalyst for intramolecular C-H insertion. Additionally, Ir(III) Octaethylporphine chloride participates in C-O bond cleavage reactions of primary alcohols. When combined with histidine-functionalized peptides, this compound can penetrate cells and sense intracellular O <sub>2</sub> concentration.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2683 mL	6.3416 mL	12.6833 mL
5 mM	0.2537 mL	1.2683 mL	2.5367 mL
10 mM	0.1268 mL	0.6342 mL	1.2683 mL
50 mM	0.0254 mL	0.1268 mL	0.2537 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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