

Pt(II) Octaethylporphine ketone

Chemical Properties

CAS No. : 172617-46-8

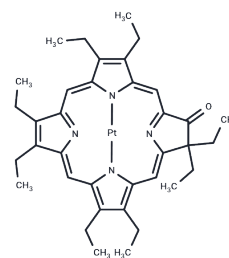
Formula: C₃₆H₄₄N₄O₂Pt

Molecular Weight: 743.85

Storage:

Keep away from direct sunlight, The compound is unstable in solution. Please use soon
 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	Pt(II) Octaethylporphine ketone, a synthetic porphyrin compound, is frequently employed as a phosphorescent oxygen probe for assessing respiration in microbial systems.
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Solubility Information

Solubility	DMSO: Slightly soluble, DMSO inactivates the activity of Pt(II) Octaethylporphine ketone. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3444 mL	6.7218 mL	13.4436 mL
5 mM	0.2689 mL	1.3444 mL	2.6887 mL
10 mM	0.1344 mL	0.6722 mL	1.3444 mL
50 mM	0.0269 mL	0.1344 mL	0.2689 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.

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