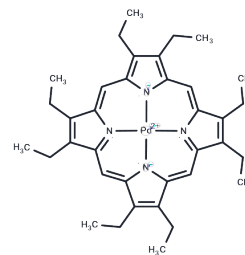


Pd(II) Octaethylporphine

Chemical Properties

CAS No. :	24804-00-0
Formula:	C ₃₆ H ₄₄ N ₄ Pd
Molecular Weight:	639.18
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) Octaethylporphine (PdOEP) is a phosphorescent metalloporphyrin utilized for oxygen sensing. It features efficient oxygen quenching, widely used in cell respiration monitoring and hypoxia imaging.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5645 mL	7.8225 mL	15.645 mL
5 mM	0.3129 mL	1.5645 mL	3.129 mL
10 mM	0.1565 mL	0.7823 mL	1.5645 mL
50 mM	0.0313 mL	0.1565 mL	0.3129 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

Liang, H.L., Sedlic, F., Bosnjak, Z., et al. SOD1 and MitoTEMPO partially prevent mitochondrial permeability transition pore opening, necrosis, and mitochondrial apoptosis after ATP depletion recovery. *Free Radical Biology & Medicine* 49(10), 1550-1560 (2010). Product Citations

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481