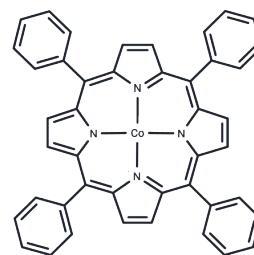


Cobalt(II) TPP

Chemical Properties

CAS No. :	14172-90-8
Formula:	C ₄₄ H ₂₈ CoN ₄
Molecular Weight:	671.6531
Storage:	Keep away from direct sunlight, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	5,10,15,20-Tetraphenyl-21H,23H-porphine cobalt(II) (commonly known as CoTPP) is a coordination compound. Known for its distinct electronic and optical properties, it is widely employed in fields such as catalysis, sensing, and organic electronics. It serves as an efficient catalyst in numerous chemical reactions, including oxidation, reduction, and CH bond activation. Additionally, CoTPP is used as a fluorescent probe for detecting oxygen levels in biological systems and as an active material in organic solar cells.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4889 mL	7.4444 mL	14.8887 mL
5 mM	0.2978 mL	1.4889 mL	2.9777 mL
10 mM	0.1489 mL	0.7444 mL	1.4889 mL
50 mM	0.0298 mL	0.1489 mL	0.2978 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

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