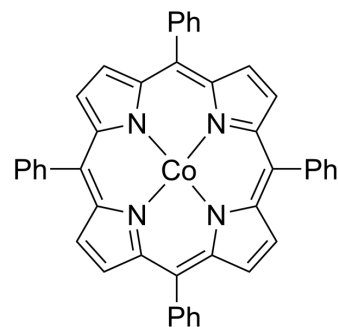


## Cobalt(II) TPP

<b>Cat. No.:</b>	HY-W073013
<b>CAS No.:</b>	14172-90-8
<b>Molecular Formula:</b>	C <sub>44</sub> H <sub>28</sub> CoN <sub>4</sub>
<b>Molecular Weight:</b>	671.65
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

<b>Description</b>	5,10,15,20-Tetraphenyl-21H,23H-porphine cobalt(II), commonly known as CoTPP or cobalt porphyrin, is a coordination compound. 5,10,15,20-Tetraphenyl-21H,23H-porphine cobalt(II) is widely used in various fields such as catalysis, sensing, and organic electronics because of its unique electronic and optical properties. An efficient catalyst for reactions including oxidation, reduction, and CH bond activation, moreover, it has been used as a fluorescent probe for detecting oxygen content in biological systems and as an active material in organic solar cells.
<b>In Vitro</b>	5,10,15,20-Tetraphenyl-21H,23H-porphine cobalt(II) is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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