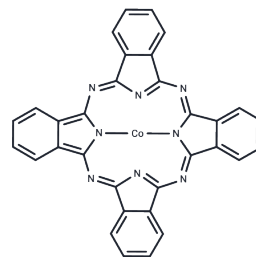


Cobalt phthalocyanine

Chemical Properties

CAS No. :	3317-67-7
Formula:	C ₃₂ H ₁₆ CoN ₈
Molecular Weight:	571.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cobalt phthalocyanine (Phthalocyanine cobalt complex) is a catalyst for a redox reaction.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 13 mg/mL (22.75 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7499 mL	8.7495 mL	17.499 mL
5 mM	0.350 mL	1.7499 mL	3.4998 mL
10 mM	0.175 mL	0.875 mL	1.7499 mL
50 mM	0.035 mL	0.175 mL	0.350 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.

Reference

Ahmad Shaabani, et al. Cobalt(II) phthalocyanine catalyzed aerobic regeneration of carbonyl compounds from the corresponding oximes in 1-butyl-3-methylimidazolium bromide. Volume 371, Issues 1-2, 15 December 2009, Pages 148-152

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