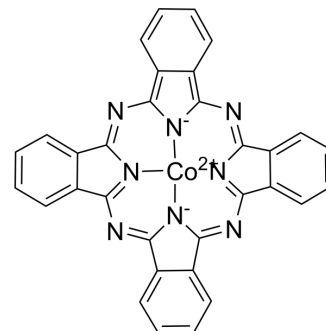


Cobalt phthalocyanine

Cat. No.:	HY-18761
CAS No.:	3317-67-7
Molecular Formula:	C ₃₂ H ₁₆ CoN ₈
Molecular Weight:	571.46
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)
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BIOLOGICAL ACTIVITY

Description	Cobalt phthalocyanine is a catalyst of redox reaction, catalyzes aerobic regenerations of aldehydes and ketones from aldoximes and ketoximes. Cobalt phthalocyanine can be used in the development of electrocatalysts ^{[1][2]} .
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REFERENCES

- [1]. Reis RM, et al. The use of copper and cobalt phthalocyanines as electrocatalysts for the oxygen reduction reaction in acid medium[J]. Electrochimica Acta, 2014, 139: 1-6.
- [2]. Ahmad S, et al. Cobalt(II) phthalocyanine catalyzed aerobic regeneration of carbonyl compounds from the corresponding oximes in 1-butyl-3-methylimidazolium bromide. Applied Catalysis A: General. 2009 Dec, 371(1-2): 148-152.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA