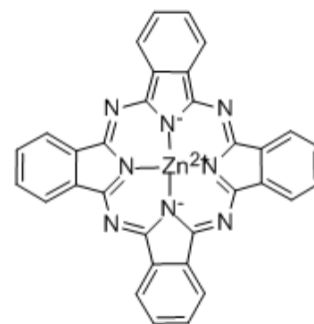


Zinc phthalocyanine

Cat. No.:	HY-19204
CAS No.:	14320-04-8
Molecular Formula:	C ₃₂ H ₁₆ N ₈ Zn
Molecular Weight:	577.9
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 (insoluble or slightly soluble) DMF : < 1 mg/mL (insoluble)
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BIOLOGICAL ACTIVITY

Description	Zinc phthalocyanine is commonly applied in industry (catalysts, photoconductors) and biomedical (photodynamic therapy, PDT) ^[1] . Zinc phthalocyanine can be used to photooxidise cyclohexane ^[2] .
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REFERENCES

[1]. Abimbola Ogunsipe, et al. Solvent effects on the photochemical and fluorescence properties of zinc phthalocyanine derivatives. Journal of Molecular Structure 650 (2003) 131-140.

[2]. NthapoSehlotho, et al. Zinc phthalocyanine photocatalyzed oxidation of cyclohexene. Journal of Molecular Catalysis A: Chemical Volume 219, Issue 2, 16 September 2004, Pages 201-207.

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