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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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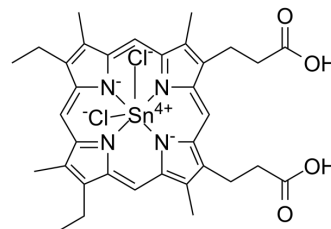
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Tin(IV) mesoporphyrin IX dichloride

Cat. No.:	HY-13707
CAS No.:	106344-20-1
Molecular Formula:	C ₃₄ H ₃₆ Cl ₂ N ₄ O ₄ Sn
Molecular Weight:	754.29
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 5.56 mg/mL (7.37 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.3258 mL	6.6288 mL	13.2575 mL
		5 mM		0.2652 mL	1.3258 mL	2.6515 mL
		10 mM		---	---	---
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.56 mg/mL (0.74 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tin(IV) mesoporphyrin IX dichloride (Stannosoporphin) is a heme oxygenase (HO) inhibitor being developed for the prevention of hyperbilirubinemia in infants at risk of developing jaundice, extracted from patent WO2011103196A1 ^[1] .
IC ₅₀ & Target	HO ^[1]

REFERENCES

[1]. Benjamin Levinson, et al. Treatment of infant hyperbilirubinemia using low dosages of stannosoporphin. US20080113955A1.

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

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