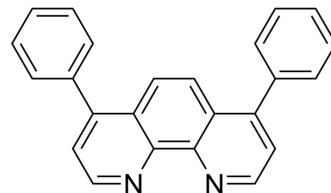


Bathophenanthroline

Cat. No.:	HY-D0006
CAS No.:	1662-01-7
Molecular Formula:	C ₂₄ H ₁₆ N ₂
Molecular Weight:	332
Target:	Fluorescent Dye
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 : 2.78 mg/mL (8.37 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (insoluble)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.0120 mL	15.0602 mL	30.1205 mL
5 mM	0.6024 mL	3.0120 mL	6.0241 mL
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Bathophenanthroline is an agent used for the measurement of iron concentrations in aqueous , serum and urine samples by colorimetry.

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