

4,7-Phenanthroline

Chemical Properties

CAS No. :	230-07-9
Formula:	C ₁₂ H ₈ N ₂
Molecular Weight:	180.205
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	4,7-Phenanthroline, with CAS No. 230-07-9, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4,7-Phenanthroline provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5491 mL	27.7454 mL	55.4908 mL
5 mM	1.1098 mL	5.5491 mL	11.0982 mL
10 mM	0.5549 mL	2.7745 mL	5.5491 mL
50 mM	0.111 mL	0.5549 mL	1.1098 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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