

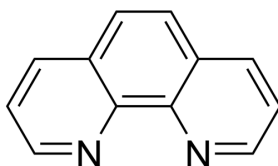
o-Phenanthroline

Cat. No.: HY-W004544
CAS No.: 66-71-7
Batch No.: 147846
Chemical Name: 1,10-Phenanthroline

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₂H₈N₂
Molecular Weight: 180.21
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)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (HPLC): 99.88%
Water(KF): 0.19%
Conclusion: The product has been tested and complies with the given specifications.

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

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