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Typical Product Specifications & Properties

1,10-Phenanthroline

CAS Number: : 66-71-7

Specifications	Limits
Molecular weight	180.21
EINECS	200-629-2
SMILES	<chem>c12c3c(ccc1cccn2)cccn3</chem>
InChI	1S/C12H8N2/c1-3-9-5-6-10-4-2-8-14-12(10)11(9)13-7-1/h1-8H
InChIKey	DGEZ NRSVGBDHLK-UHFFFAOYSA-N
Storage Temperature	Refrigerator
Stability	Stable. Hygroscopic. Store under nitrogen. Incompatible with strong acids, strong oxidizing agents.
Merck	14,7214
Flash Point	>330°C
Sensitive	Hygroscopic
Water solubility	slightly soluble
Boiling Point	>330°C



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Specifications	Limits
Melting Point	114-117 °C
BRN Number	126461



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