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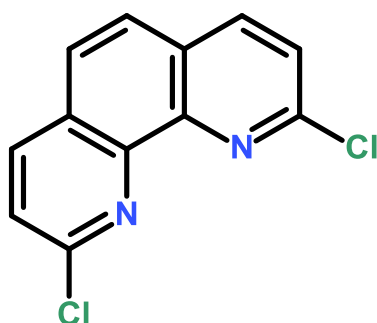
## Product Specifications

### 2,9-Dichloro-1,10-phenanthroline

**CAS** 29176-55-4

**Syn:** 2,9-Dichloro-o-phenanthroline; NSC 608430; VUF 7732

**Structure:**



**Mol. Formula**  
**Source**

$C_{12}H_6Cl_2N_2$   
Synthetic

**Mol. Wt.**

249.09

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR
<b>Appearance</b>	Off-white microcrystalline solid
<b>Mp</b>	249-250 °C
<b>Purity (hplc)</b>	≥ 99%
<b>LOD</b>	≤ 1%
<b>Ash (residue on ignition)</b>	≤ 0.2%
<b>Heavy metals</b>	≤ 10 ppm

*Storage:* Maintain in cool, dry containment.