

# Chem-Impex International, Inc.

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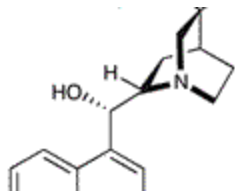
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

**Catalogue Number** 32456  
**Product** **Cinchonine**

(-)-Cinchonine

**CAS Number** 118-10-5

**Molecular Formula** C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O

**Molecular Weight** 294.4

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**Appearance** White micro-crystalline powder

**Melting Point** 260 - 263 °C

**pH** 7.0 - 8.5

**Optical Rotation** [α]<sup>20</sup><sub>D</sub> = 242 - 260 °

**Loss on Drying** ≤ 1.0%

**Residual Solvents** Chloroform : ≤ 0.1%

**Related Substances** Dihydrocinchonine : ≤ 20%

Quinidine : ≤ 3%

Quinine : ≤ 3%

**Residue On Ignition** ≤ 0.5%

**Purity by HPLC** 98 - 101%

**Storage** Store at RT

**For Laboratory Use Only**