

# Chem-Impex International, Inc.

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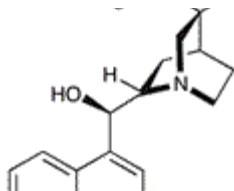
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	32453
<b>Product</b>	<b>Cinchonidine</b> (-)-Cinchonidine
<b>CAS Number</b>	485-71-2
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O
<b>Molecular Weight</b>	294.39

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<b>Appearance</b>	White crystalline or granular powder
<b>Solubility</b>	Soluble in chloroform, soluble in alcohol, practically insoluble in water
<b>Melting Point</b>	195 - 205 °C
<b>Heavy Metals</b>	≤ 10 ppm (as Pb)
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -105 to -115 ° (C = 1 in Alcohol)
<b>Loss on Drying</b>	≤ 1% (105 °C, 3h)
<b>Residual Solvents</b>	Toluene : ≤ 100 ppm Benzene : ≤ 2 ppm
<b>Related Substances</b>	Other Cinchona Alkaloids Quinine and Dihydroquinine : ≥ 90% (HPLC)
<b>Sulfated Ash</b>	≤ 0.1%
<b>Assay by titration</b>	≥ 99% (On dried basis)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**