

Chem-Impex International, Inc.

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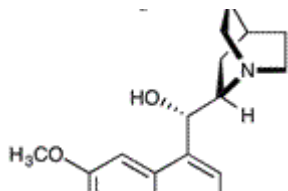
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	32512
Product	Quinidine anhydrous
	Conquinine anhydrous
CAS Number	56-54-2
Molecular Formula	C ₂₀ H ₂₄ N ₂ O ₂
Molecular Weight	324.42

Appearance	White or off white crystalline powder
Solubility	Soluble in chloroform, insoluble in water
Melting Point	167 - 177 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] ²⁰ _D = 245 to 265 ° (c=1.13% solution in ethanol)
Related Substances	Single maximum unknown impurity : ≤ 0.5%
Assay	Quinidine and Dihydroquinidine : ≥ 100%
Purity by HPLC	Quinidine and Dihydroquinidine : ≥ 99% Dihydroquinidine : ≤ 20%
Storage	Store at 2 - 8 °C

For Laboratory Use Only