

PRODUCT IDENTITY

PRODUCT NAME	(+)-Cinchonine	PRODUCT NUMBER	C106926
Grades & Purity	Moligand™, ≥98%	VERSION	3
CAS NUMBER	118-10-5	FORMULA	C ₁₉ H ₂₂ N ₂ O
FORMULA WEIGHT	294.39g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Loss on drying	0-1 (%)
Purity(HPLC) (~85%Cinchonine+~15% dihydrocinchonine)	98-100 (%)
Quinidine	0-3 (%)
Specific Rotation[α] ₂₀ /D(c=0.5 in EtOH)	218-228 (°)
Sulfate Ash	0-0.1 (%)
Quinine	0-3 (%)
Purity(Nonaqueous Titration)	98-100 (%)
Appearance (C106926)	white to grey powder or crystals
Proton NMR spectrum	Conforms to Structure