

Certificate of Analysis

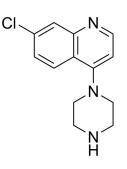
7-Chloro-4-(piperazin-1-yl)quinoline

Cat. No.:	HY-W020111
CAS No.:	837-52-5
Batch No.:	243556
Chemical Name:	Quinoline, 7-chloro-4-(1-piperazinyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{13}H_{14}CIN_{3}$		
Molecular Weight:	247.72		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (HPLC):	97.86%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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