

Certificate of Analysis

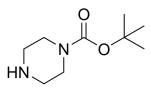
N-Boc-piperazine

Cat. No.:	HY-30105
CAS No.:	57260-71-6
Batch No.:	360874
Chemical Name:	1-Piperazinecarboxylic acid, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_9H_{18}N_2O_2$		
Molecular Weight:	186.25		
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:	Off-white to light yellow (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (GC):	99.97%
Water(KF):	0.37%
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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