Certificate of Analysis

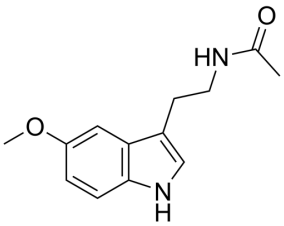
Melatonin

Cat. No.:	HY-B0075
CAS No.:	73-31-4
Batch No.:	290838
Chemical Name:	Acetamide, N-[2-(5-methoxy-1H-indol-3-yl)ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{13}H_{16}N_2O_2$		
Molecular Weight:	**232.28**		
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 light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.93%**
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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