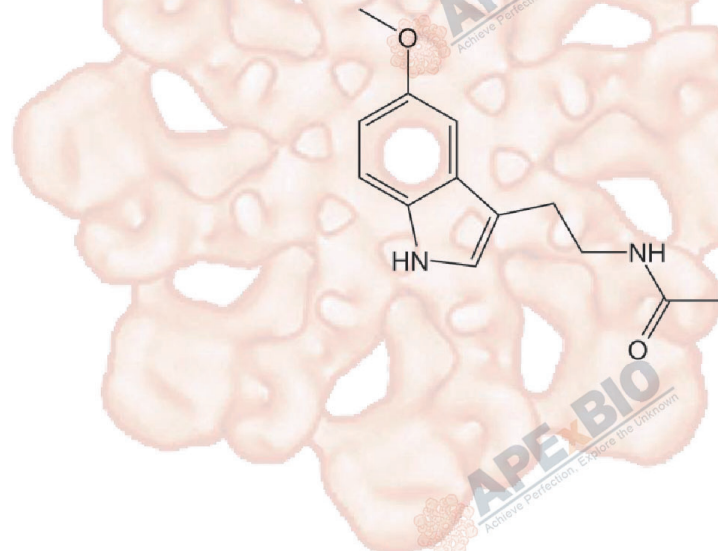


Product Data Sheet

Melatonin

Cat. No.:	A2842
CAS No.:	73-31-4
Formula:	C ₁₃ H ₁₆ N ₂ O ₂
M.Wt:	232.28
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

≥23.2 mg/mL in DMSO; insoluble in H₂O; ≥79.9 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	4.3051 mL	21.5257 mL	43.0515 mL
		5 mM	0.8610 mL	4.3051 mL	8.6103 mL
		10 mM	0.4305 mL	2.1526 mL	4.3051 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Melatonin receptors agonist
IC ₅₀ & Target	
In Vitro	Cell Viability Assay
	Preparation method:
In Vivo	Animal experiment
	Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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