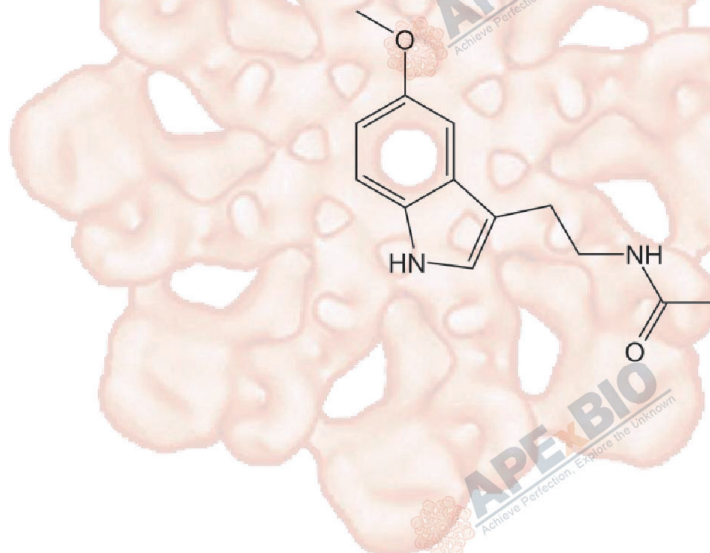


## Product Data Sheet

### Melatonin

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



### Solvent & Solubility

≥23.2 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥79.9 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		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<sub>50</sub> & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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 APEx BIO 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.

**APEx BIO Technology**

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