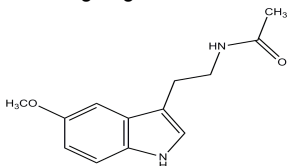


**Product: Melatonin****ALTERNATE NAME:** N-Acetyl-5-methoxytryptamine; NSC 113928; Regulin; NSC 56423**CATALOG #:** 2488-1G, 5G**AMOUNT:** 1g, 5 g**STRUCTURE:****MOLECULAR FORMULA:** C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 232.28**CAS No.** 73-31-4**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Melatonin is an endogenous hormone that plays a prominent role in the control of circadian rhythm. Melatonin acts as an agonist at melatonin receptors MT1 and MT2, displays immunomodulatory activity and acts as a powerful antioxidant that protects lipids, proteins and DNA against oxidative damage.**REFERENCES:** Srinivasan, V., *et al.* (2009). *Int. J. Neurosci.* **119**, 821-846.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Clemizole (**Cat. No. 2481-10, 50**)2-Methoxyestradiol (**Cat. No. 2166-5, 25**)**FOR RESEARCH USE ONLY! Not to be used in humans.**