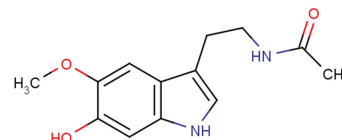


6-Hydroxymelatonin

Chemical Properties

CAS No.:	2208-41-5
Formula:	C13H16N2O3
Molecular Weight:	248.28
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	6-Hydroxymelatonin is a primary metabolic of Melatonin, which is metabolized by CYP 1A2.
Targets(IC ₅₀)	Human Endogenous Metabolite: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.028 mL	20.139 mL	40.277 mL
5 mM	0.806 mL	4.028 mL	8.055 mL
10 mM	0.403 mL	2.014 mL	4.028 mL
50 mM	0.081 mL	0.403 mL	0.806 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Härtter S, et al. Orally given melatonin may serve as a probe drug for cytochrome P450 1A2 activity in vivo: a pilot study. Clin Pharmacol Ther. 2001 Jul;70(1):10-6.

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