

1. Identification

Catalogue Number

S689050

Lot Number

12-JMR-131-2

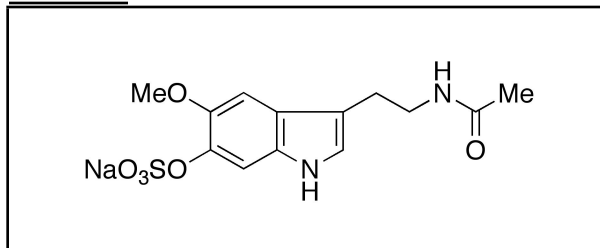
Product Name

6-Sulfatoxy Melatonin Sodium Salt

Synonyms

N-[2-[5-Methoxy-6-(sulfooxy)-1H-indol-3-yl]ethyl]acetamide Sodium; 6-(Sulfonyloxy) melatonin Sodium; 6-Hydroxymelatonin Sulfate Sodium; 6-Sulphatoxymelatonin Sodium;

Structure



CAS Number

76290-78-3

Solubility

DMSO (Slightly), Methanol (Slightly, Heated), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₅N₂NaO₆S

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

350.32

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Dark Brown Solid	Light Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 43.26, %H: 4.40, %N: 7.67
HPLC Purity	>95%	99.97% (225 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	6.42% by Ion Chromatography

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			4/17/2023	4/15/2027
Henry Tieu	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		