



CERTIFICATE OF ANALYSIS

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1. Identification

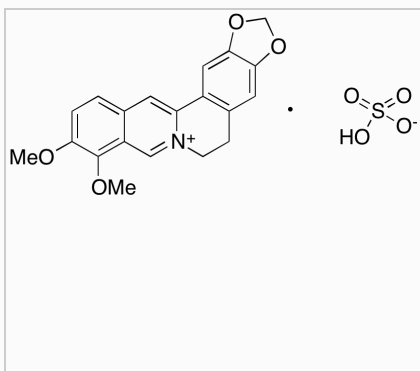
Catalogue Number: B318155

CAS Number: 633-66-9

Product: Berberine Hydrogen Sulphate

Synonym: 7,8,13,13a-tetrahydro-9,10-dimethoxy-2,3-(methylenedioxy)Berbinium Sulfate;†Berberine Bisulfate; Berberine Hemisulfate; Berberine Hydrogen Sulfate; Berberine Sulfate; Berberine Sulfate (1:1); NSC 150444

Structure:



Molecular Formula:

C₂₀H₁₉NO₈S

Molecular weight:

433.43

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-JPO-023

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Dark Yellow Solid	Dark Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.32, %H: 4.36, %N: 3.58
HPLC Purity	Report Result	99.20% (345 nm)
MS	Conforms to Structure	Conforms
Sulfate Content	Report Result	20.93% 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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Christina Gouliaras	1/17/2023	1/15/2027