



CERTIFICATE OF ANALYSIS

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1. Identification

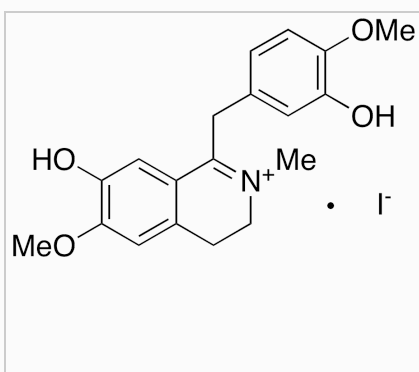
Catalogue Number: D230065

CAS Number: 21411-21-2

Product: 1,2-Dehydro Reticuline Iodide

Synonym: 3,4-Dihydro-7-hydroxy-1-(3-hydroxy-4-methoxybenzyl)-6-methoxy-2-methylisoquinolinium Iodide; 1,2-Dehydroreticuline Iodide; 3,4-Dihydro-7-hydroxy-1-[(3-hydroxy-4-methoxyphenyl)methyl]-6-methoxy-2-methylisoquinolinium Iodide;

Structure:



Molecular Formula:

$C_{19}H_{22}INO_4$

Molecular weight:

455.29

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-SUB-170-3

Purity: 97%

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	Pale Yellow to Green Solid	Pale Yellow to Pale Green Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.72, %H: 4.86, %N: 3.02
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.18% (205 nm)
Iodide Content	Report Result	25.3%

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 $\pm 2\%$. 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
Nicole Yip	Toni Rantanen	Chanell Chu	9/22/2023	9/20/2027