



CERTIFICATE OF ANALYSIS

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1. Identification

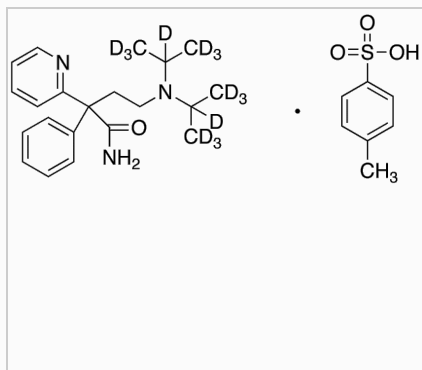
Catalogue Number: D493452

CAS Number: 1216989-88-6

Product: Disopyramide-d14 Tosylate Salt

Synonym: α -[2-[Bis(1-methylethyl-d7)amino]ethyl]- α -phenyl-2-pyridineacetamide Tosylate Salt;

Structure:



Molecular Formula:

$C_{28}H_{23}D_{14}N_3O_4S$

Molecular weight:

525.76

Source of Product:

Synthetic

Solubility:

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

Lot Number: 2022-SBL-2

Purity: 96%

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:
Elemental Analysis	Conforms	%C: 60.18, %H: 6.99, %N: 7.32
Appearance	White to Yellow Solid	Light Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.5%
HPLC Purity	Report Result	96.12% (210 nm)

Additional Information:

Normalized Intensity: d0 = 0.02%, d1 = 0.00%, d2 = 0.02%, d3 = 0.00%, d4 = 0.00%, d5 = 0.01%, d6 = 0.02%, d7 = 0.00%, d8 = 0.02%, d9 = 0.00%, d10 = 0.01%, d11 = 0.01%, d12 = 0.00%, d13 = 5.98%, d14 = 93.92%

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
Henry Tieu	Toni Rantanen	Chanell Chu	10/14/2022	10/12/2026