



CERTIFICATE OF ANALYSIS

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1. Identification

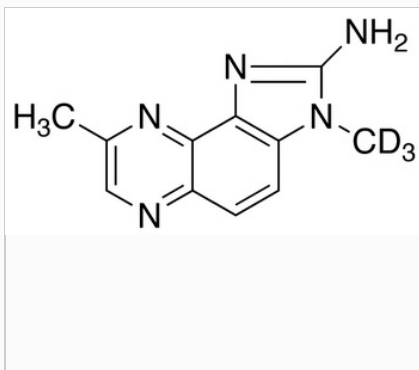
Catalogue Number: A606850

CAS Number: 122457-31-2

Product: 2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline-d3

Synonym: MeIQx-d3; 8-Methyl-3-(methyl-d3)-3H-Imidazo[4,5-f]quinoxalin-2-amine;

Structure:



Molecular Formula:

C₁₁H₈D₃N₅

Molecular weight:

216.26

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-ASC-109-1

Purity: 97%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Very Dark Beige Solid	Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (265 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.02%, d3 = 99.98%

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
Swathi Reddy	Toni Rantanen	Sadaf Samadi	5/23/2023	5/21/2027