



CERTIFICATE OF ANALYSIS

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1. Identification

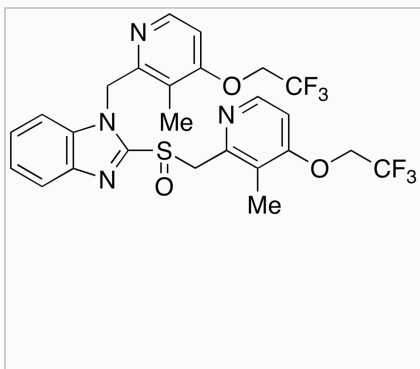
Catalogue Number: M331010

CAS Number: 1083100-26-8

Product: N-[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl
Lansoprazole

Synonym: 1-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]-2-[[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfinyl]-1H-benzimidazole; Lansoprazole Impurity;

Structure:



Molecular Formula:

C₂₅H₂₂F₆N₄O₃S

Molecular weight:

572.52

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Heated)

Lot Number: 1-RRK-107-4

Purity: 94%

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

Storage Condition: 4°C, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	Report Result	94.56% (200 nm)
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Appearance	Pale Beige to Light Brown Solid	Pale Beige Solid
F NMR	Conforms to Structure	Conforms

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
Nicole Yip	Toni Rantanen	Chanell Chu	12/5/2022	12/3/2026