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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Lansoprazole EP Impurity A

Identification:

Chemical Name: 2-[(RS)-[[3-Methyl-1-oxido-4-(2,2,2-trifluoroethoxy)pyridin-2-yl]methyl]sulfinyl]-1H-benzimidazole (as per EP)

Synonyms : Lansoprazole N-Oxide

CAS Number : 213476-12-1

CAT Number : CP-L11001

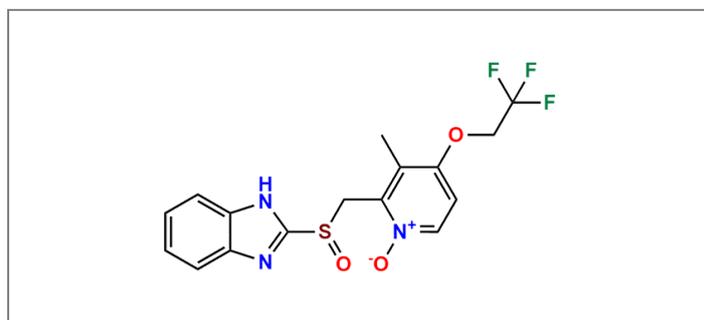
Molecular Formula : C₁₆H₁₄F₃N₃O₃S

Molecular Weight : 385.36

Batch Number : CP-LAN-A-1223

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.59%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	IR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.