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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

Product Name: Lansoprazole EP Impurity B

Identification:

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

Synonyms : Lansoprazole USP Related
Compound A ; Lansoprazole
Sulfone : Dexlansoprazole
sulfone impurity

CAS Number : 131926-99-3

CAT Number : CP-L11002

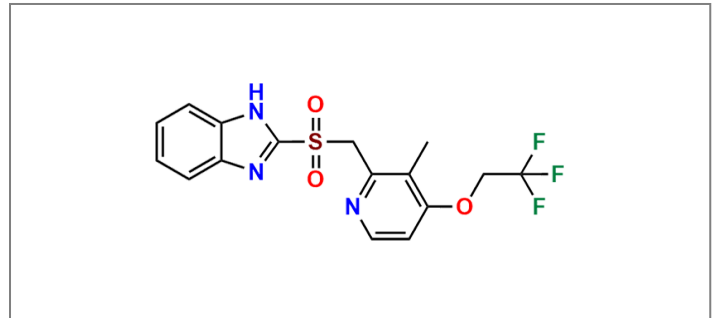
Molecular Formula : C₁₆H₁₄F₃N₃O₃S

Molecular Weight : 385.36

Batch Number : CP-LAN-B-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	Off White to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.75%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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