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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

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

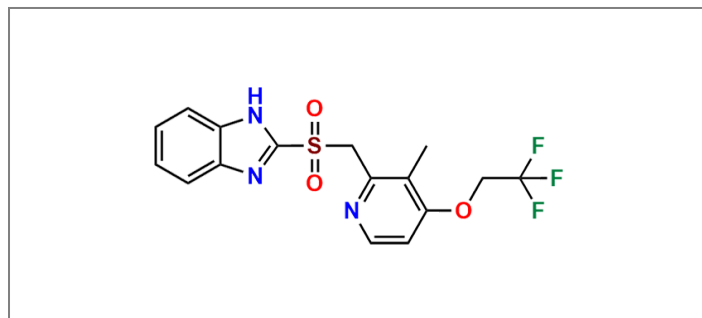
Molecular Formula : C₁₆H₁₄F₃N₃O₃S

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 Pale Yellow 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
7)	IR	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.