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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

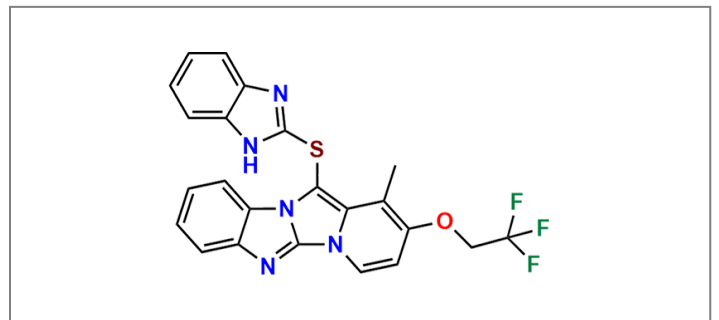
Re-test Date: Nov 2026

Product Name: Lansoprazole Impurity 1

Identification:

Chemical Name: 12-((1H-Benzo[d]imidazol-2-yl)thio)-1-methyl-2-(2,2,2-trifluoroethoxy)benzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridine

Synonyms : NA
CAS Number : 1346598-28-4
CAT Number : CP-L11009
Molecular Formula : C₂₃H₁₆F₃N₅O₅
Molecular Weight : 467.47
Batch Number : CP-LAN-1-1223
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	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.88%
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.