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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

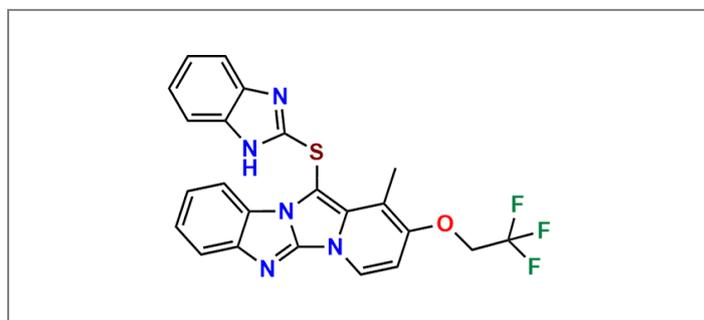
Re-test Date: Dec 2027

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 : C₂₃H₁₆F₃N₅O
Molecular Weight : 467.47
Batch Number : CP-LAN-01-0126
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	Light Green Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity By HPLC	98.52%
5)	¹ HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.545%
8)	Potency by TGA	97.98%



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.