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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Lansoprazole Thioxo Impurity

Identification:

Chemical Name: 1-Methyl-12-thioxopyrido[1,2,3,4]imidazole-[1,2-a]benzimidazole-2(12H)-one

Synonyms : NA

CAS Number : 1246819-06-6

CAT Number : CP-L11010

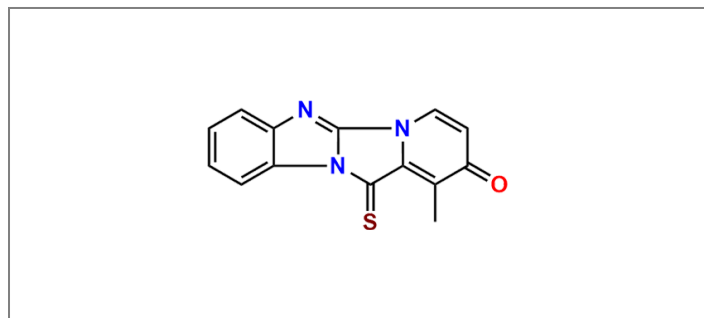
Molecular Formula : C₁₄H₉N₃O_S

Molecular Weight : 267.31

Batch Number : CP-LAN-THI-0125

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	Red Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.66%
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.