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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

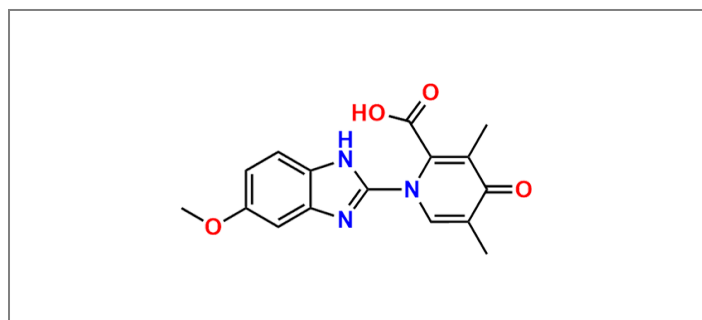
Re-test Date: Apr 2027

Product Name: Esomeprazole Impurity 6

Identification:

Chemical Name: 1-(5-Methoxy-1H-benzimidazol-2-yl)-3,5-dimethyl-4-oxo-1,4-dihydro-2-pyridinecarboxylic Acid

Synonyms : NA
CAS Number : 1227380-90-6
CAT Number : CP-E14010
Molecular Formula : C₁₆H₁₅N₃O₄
Molecular Weight : 313.31
Batch Number : CP-OME-6-0524



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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	95.52%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	FT-IR	Confirm to structure
8)	Weight loss by TGA	0.334%
9)	Potency	95.20%

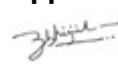


Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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