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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

Product Name: Esomeprazole EP Impurity E

Identification:

Chemical Name: 4-Methoxy-2-[[[(RS)-(5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-3,5-dimethylpyridine 1-oxide (as per EP)

Synonyms : Omeprazole EP Impurity E

CAS Number : 176219-04-8

CAT Number : CP-E14005

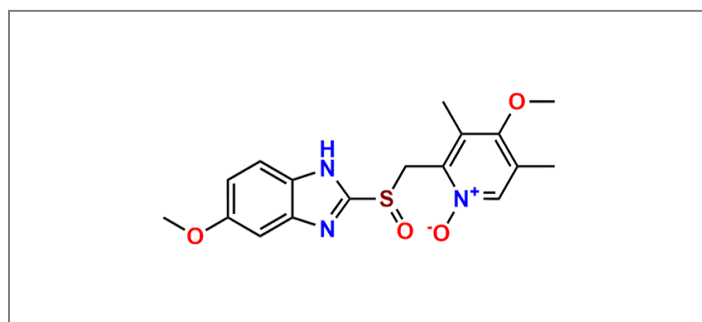
Molecular Formula : C₁₇H₁₉N₃O₄S

Molecular Weight : 361.42

Batch Number : CP-OME-E-1124

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.39%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.038%
7)	Potency by TGA	97.35%



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.