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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Omeprazole EP impurity I

Identification:

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

Synonyms : Omeprazole USP Related
Compound I ; Omeprazole
Sulfone N-Oxide

CAS Number : 158812-85-2

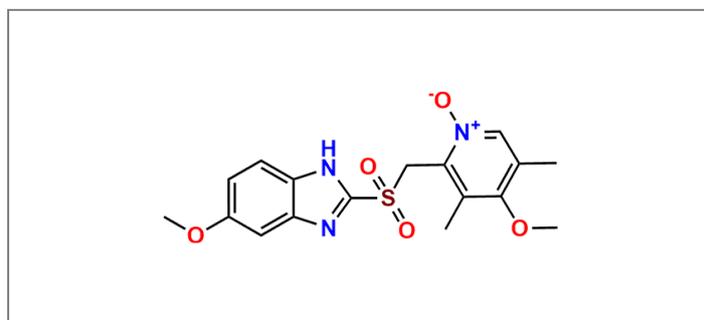
CAT Number : CP-O9009

Molecular Formula : C₁₇H₁₉N₃O₅S

Molecular Weight : 377.41

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	>95%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure



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.