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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Esomeprazole EP Impurity D

Identification:

Chemical Name: 5-Methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulfonyl]-1H-benzimidazole

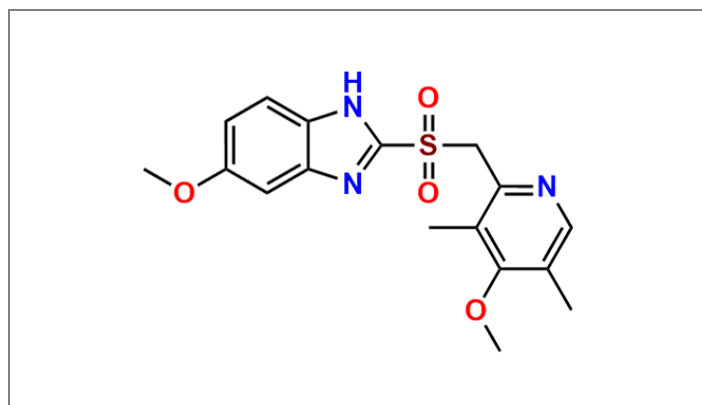
Synonyms : Omeprazole EP Impurity D ;
Omeprazole USP Related
Compound A ; Omeprazole
Sulfone

CAS Number : 88546-55-8

CAT Number : CP-E14004

Molecular Formula : C₁₇H₁₉N₃O₄S

Molecular Weight : 361.42



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.