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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

Product Name: Esomeprazole EP Impurity C

Identification:

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

Synonyms : Omeprazole EP Impurity C ;
Omeprazole Sulfide ; Ufiprazole

CAS Number : 73590-85-9

CAT Number : CP-E14003

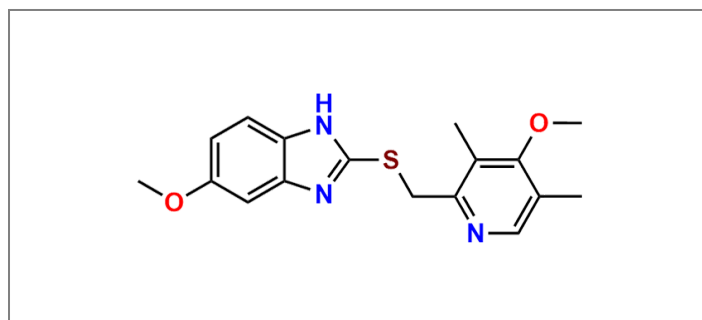
Molecular Formula : C₁₇H₁₉N₃O₂S

Molecular Weight : 329.42

Batch Number : CP-OME-C-0823

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 By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.40% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | Weight loss by TGA | 0.621% |
| 7) | Potency by TGA | 98.78% |



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.