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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2023

Re-test Date: Oct 2026

**Product Name: Omeprazole EP Impurity H**

### Identification:

Chemical Name: 2-[(RS)-[(4-Chloro-3,5-dimethylpyridin-2-yl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole (as per EP)

Synonyms : 4-Desmethoxy-4-chloro  
Omeprazole

CAS Number : 863029-89-4

CAT Number : CP-O9007

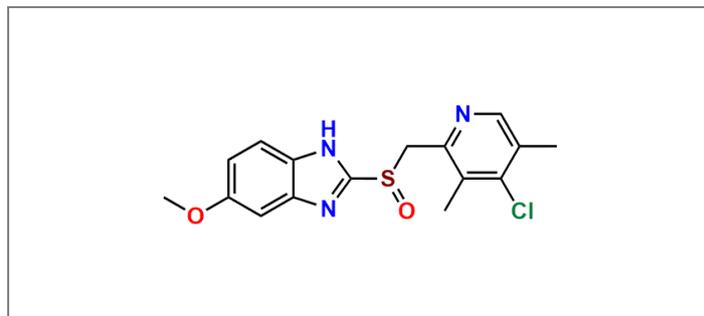
Molecular Formula : C<sub>16</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>S

Molecular Weight : 349.83

Batch Number : CP-OME-H-1123

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.91%
5)	<sup>1</sup> HNMR	Confirm to structure



### 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.