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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: Rabeprazole EP Impurity D**

### Identification:

Chemical Name: 2-[[[1-Oxide-4-(3-methoxypropoxy)-3-methyl-2-pyridinyl] methyl]sulfinyl]-1H-benzimidazole

Synonyms : Rabeprazole USP Related  
Compound B ; Rabeprazole N-  
Oxide

CAS Number : 924663-38-7

CAT Number : CP-R5004

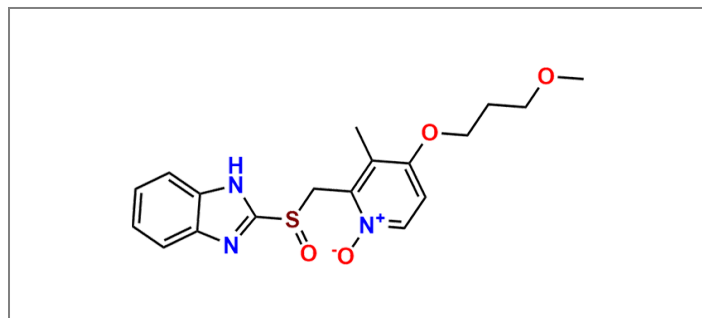
Molecular Formula : C<sub>18</sub>H<sub>21</sub>N<sub>3</sub>O<sub>4</sub>S

Molecular Weight : 375.43

Batch Number : CP-RAB-D-0225

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 to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.03%
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.