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## CERTIFICATE OF ANALYSIS

Analysis Date:

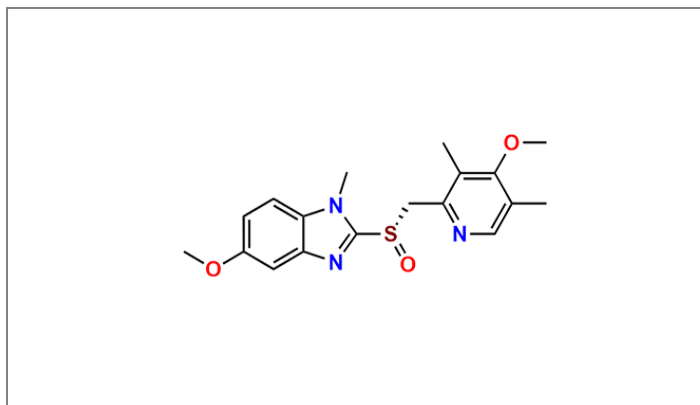
Re-test Date:

**Product Name: N-Methyl Esomeprazole Isomer-1**

### Identification:

Chemical Name: (S)-5-Methoxy-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)sulfinyl)-1-methyl-1H-benzo[d]imidazole

Synonyms : NA  
CAS Number : 1820041-19-7  
CAT Number : CP-E14019  
Molecular Formula : C<sub>18</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>S  
Molecular Weight : 359.44



### 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.