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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Esomeprazole Impurity 19**

### Identification:

Chemical Name: (S)-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)sulfinyl)-1H-benzo[d]imidazol-6-ol

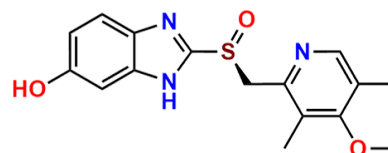
Synonyms : NA

CAS Number : 358675-51-1

CAT Number : CP-O9102

Molecular Formula : C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight : 331.39



### 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.