

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

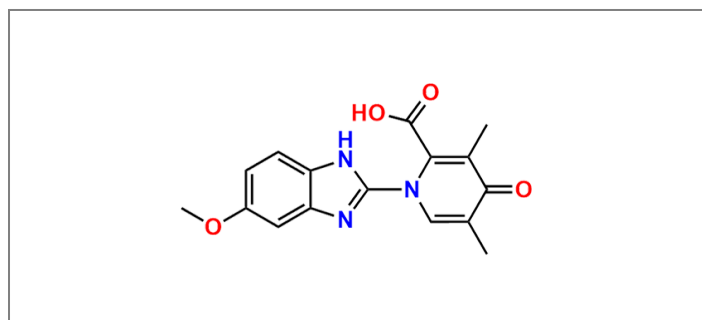
Re-test Date: Apr 2027

**Product Name: Esomeprazole Impurity 6**

### Identification:

Chemical Name: 1-(5-Methoxy-1H-benzimidazol-2-yl)-3,5-dimethyl-4-oxo-1,4-dihydro-2-pyridinecarboxylic Acid

Synonyms : NA  
CAS Number : 1227380-90-6  
CAT Number : CP-E14010  
Molecular Formula : C<sub>16</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>  
Molecular Weight : 313.31  
Batch Number : CP-OME-6-0524



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	95.52%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.