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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Omeprazole Impurity 2**

### Identification:

Chemical Name: 1-(5-methoxy-1H-benzo[d]imidazol-2-yl)-3,5-dimethyl-4-oxo-1,4-dihydropyridine-2-carboxylic acid, hydrochloride (1:1)

Synonyms : Omeprazole Pyridone Acid  
Impurity

CAS Number : 2172852-91-2

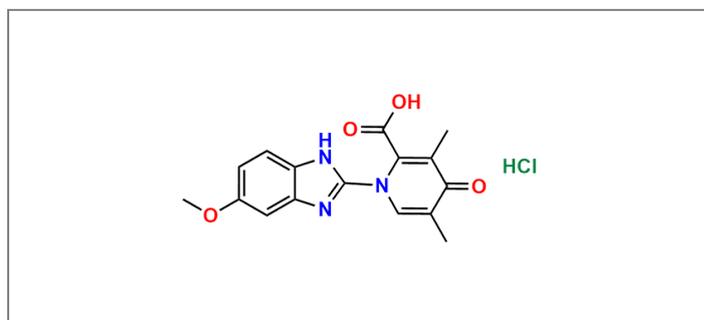
CAT Number : CP-09117

Molecular Formula : C<sub>16</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub> : HCl

Molecular Weight : 313.31 : 36.46

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	Light Pink Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.61%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure

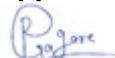


#### Prepared and Reviewed By



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.