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## CERTIFICATE OF ANALYSIS

Analysis Date:

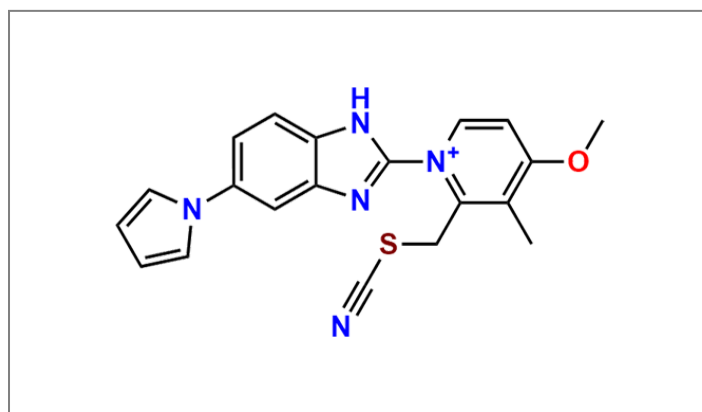
Re-test Date:

**Product Name: Ilaprazole Impurity 16**

### Identification:

Chemical Name: 1-(6-(1H-Pyrrol-1-yl)-1H-benzo[d]imidazol-2-yl)-4-methoxy-3-methyl-2-(thiocyanatomethyl)pyridin-1-ium

Synonyms : NA  
CAS Number : 2285346-43-0  
CAT Number : CP-I52015  
Molecular Formula : C<sub>20</sub>H<sub>18</sub>N<sub>5</sub>O<sub>5</sub>  
Molecular Weight : 376.5



### 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.