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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Omeprazole EP Impurity F and G mixture**

### Identification:

Chemical Name: 8-Methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one compound with 9-methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one (1:1)

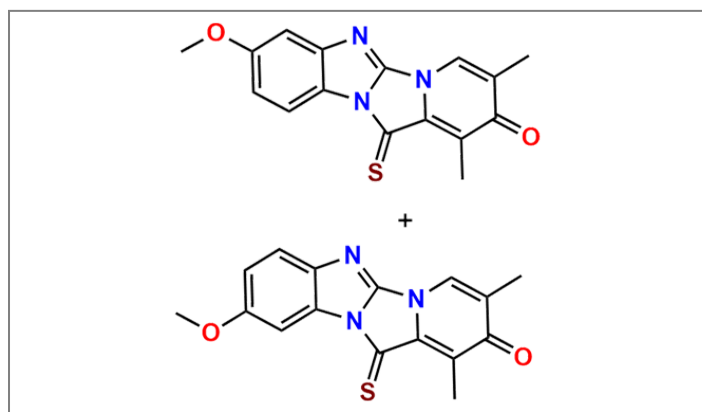
Synonyms : Omeprazole related Impurity F and G mixture

CAS Number : NA

CAT Number : CP-O9019

Molecular Formula : C<sub>16</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S : C<sub>16</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight : 311.36 : 311.36



### 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.