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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Omeprazole EP Impurity G**

### Identification:

Chemical Name: 9-Methoxy-1,3-dimethyl-12-thioxopyrido[1',2':3,4]imidazo[1,2-a]benzimidazol-2(12H)-one (as per EP)

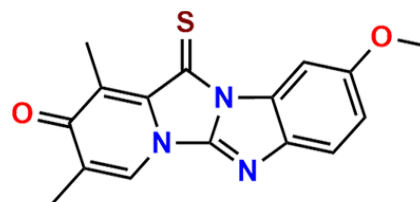
Synonyms : Omeprazole BP Impurity G ;  
Isomer of Omeprazole EP  
Impurity F ; Omeprazole USP  
Related Compound G

CAS Number : 125656-83-9

CAT Number : CP-O9006

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

Molecular Weight : 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.