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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

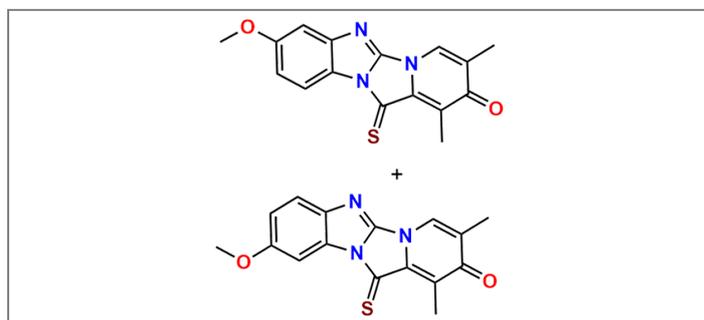
CAT Number : CP-O9019

Molecular Formula : C₁₆H₁₃N₃O₂S : C₁₆H₁₃N₃O₂S

Molecular Weight : 311.36 : 311.36

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	Brown Solid
2)	Solubility	Soluble in Methanol
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	37.70% (RT-13.496)+59.52%(RT- 13.698) Total Purity = 97.22%
5)	¹ HNMR	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.