

CERTIFICATE OF ANALYSIS

(Certificate No. KMO001013-01)

Release Date: 02/04/2024

Re-test Date: 01/04/2027

Omeprazole Related Compound F and G Mixture

Identification

Chemical Name :

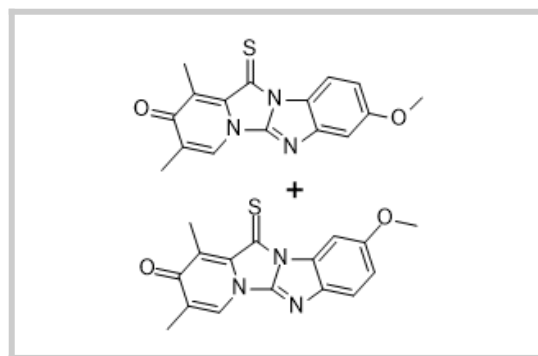
8-methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one compound with 9-methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one

CAT No. : KMO001013

CAS No. : Not Available

Molecular Formula : C₁₆H₁₃N₃O₂S + C₁₆H₁₃N₃O₂S

Molecular Weight : 311.36 + 311.36



Analytical Information

Batch No. : OME-FG-073-150

Mass : Confirm

Description : Brown Solid

IR : Confirm

HPLC Purity : 98.79 %

¹H NMR : Confirm

Weight Loss By TGA : 0.24 %

% Potency : 98.55 %

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = $[100 - 0.24(\text{Weight Loss By TGA})] \times [98.79(\text{HPLC Purity})]/100 = 98.55 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		02/04/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA