

CERTIFICATE OF ANALYSIS

(Certificate No. KMO001004-01)

Release Date: 22/02/2024

Re-test Date: 21/02/2027

Ufiprazole

Identification

Chemical Name :

5-methoxy-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)thio)-1H-benzo[d]imidazole

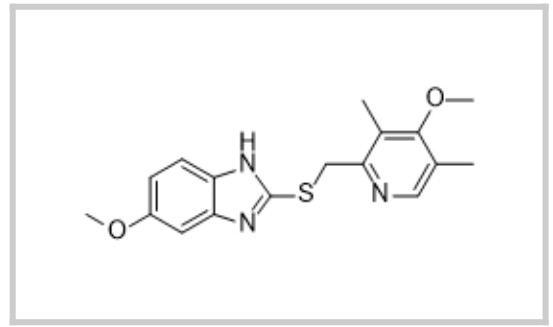
Alt. Name : Esomeprazole EP Impurity C ,
Omeprazole Sulfide , Ufiprazole

CAT No. : KMO001004

CAS No. : 73590-85-9

Molecular Formula : C17H19N3O2S

Molecular Weight : 329.42



Analytical Information

Batch No. : OME-EPC-073-060

Description : White Solid

HPLC Purity : 99.67 %

Weight Loss By TGA : 0.45 %

% Potency : 99.22 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

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 = $[100 - 0.45(\text{Weight Loss By TGA})] \times [99.67(\text{HPLC Purity})]/100 = 99.22 \%$

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|-------------|-----------|------------|
| Prepared By | Analytical | Parag Patel | | 22/02/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 22/02/2024 |

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