CERTIFICATE OF ANALYSIS

(Certificate No. KMR014007-)

Release Date: 08/07/2024 **Re-test Date:** 07/07/2027

Rabeprazole Methoxy Sulphide Analog Impurity

Identification

Chemical Name :
2-(((4-methoxy-3-methylpyridin-2-yl)methyl)thio)-1H-benzo[d]imidazole

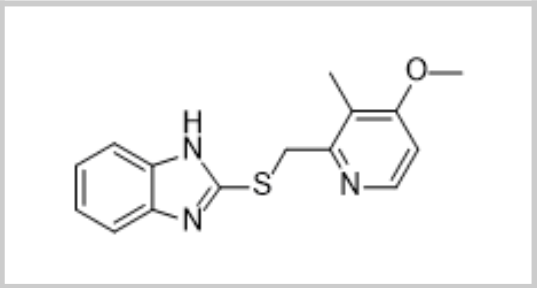
Alt. Name : Rabeprazole Methoxy Analog

CAT No. : KMR014007

CAS No. : 102804-82-0

Molecular Formula : C15H15N3OS

Molecular Weight : 285.36



Analytical Information

Batch No. : RAB-EP-G-073-276

Description : Off White Solid

HPLC Purity : 99.55 %

Weight Loss By TGA : 3.56 %

% Potency : 96.01 %

Solubility : Refer Additional information

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 - 3.56(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 96.01 %
-Buffer Solution : Dissolve 17.4 g of dibasic potassium phosphate in 950 mL of water, adjust pH with 2N potassium hydroxide to a pH of 11.3, and dilute with water to 1000 mL.
-Solubility : Methanol : Buffer Solution (20:80)

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		09/07/2024

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