CERTIFICATE OF ANALYSIS

(Certificate No. KMO001012-03)

Release Date: 17/10/2026 **Re-test Date:** 16/10/2029

Omeprazole EP Impurity H

Identification

Chemical Name :
2-(((4-chloro-3,5-dimethylpyridin-2-yl)methyl)sulfinyl)-5-methoxy-1H-benzo[d]imidazole

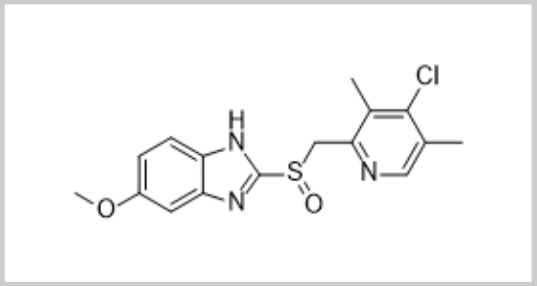
Alt. Name : 4-Desmethoxy-4-chloro Omeprazole

CAT No. : KMO001012

CAS No. : 863029-89-4

Molecular Formula : C16H16ClN3O2S

Molecular Weight : 349.84



Analytical Information

Batch No.	: O001012-136-285	**Solubility**	: Acetonitrile
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.25 %	**IR**	: Confirm
Weight Loss By TGA	: 0.17 %	**1H NMR**	: Confirm
% Potency	: 99.08 %	**13C 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 - 0.17(Weight Loss By TGA)] x [99.25(HPLC Purity)]/100 = 99.08 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		17/10/2026

Attachments : COA, HPLC, MASS, 1HNMR,13C NMR, IR and TGA