CERTIFICATE OF ANALYSIS

(Certificate No. KMP012019-01)

Release Date: 13/09/2024 **Re-test Date:** 12/09/2027

Pantoprazole Related Compound B

Identification

Chemical Name :
5-(Difluoromethoxy)-2-[[(3,4-dimethoxypyridin-2-yl)methyl]sulfanyl]-1H-benzimidazole

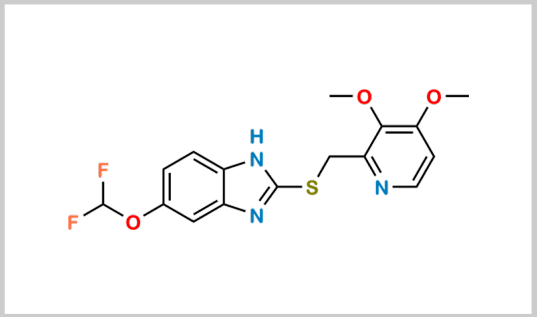
Alt. Name : Pantoprazole USP Related Compound B ; Pantoprazole Sulfide

CAT No. : KMP012019

CAS No. : 102625-64-9

Molecular Formula : C16H15F2N3O3S

Molecular Weight : 367.4



Analytical Information

Batch No.	: P012019-073-373	**Solubility**	: Acetonitrile
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.01 %	**IR**	: Confirm
Weight Loss By TGA	: 2.32 %	**1H NMR**	: Confirm
% Potency	: 96.71 %		

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 - 2.32(Weight Loss By TGA)] x [99.01(HPLC Purity)]/100 = 96.71 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/09/2024

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