

CERTIFICATE OF ANALYSIS

(Certificate No. KMP012001-01)

Release Date: 13/09/2024

Re-test Date: 12/09/2027

Pantoprazole Related Compound A

Identification

Chemical Name :

5-(difluoromethoxy)-2-(((3,4-dimethoxy-pyridin-2-yl)methyl)sulfonyl)-1H-benzo[d]imidazole

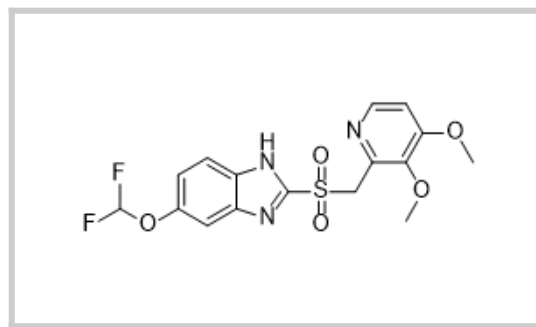
Alt. Name : Pantoprazole Sulfone ; Pantoprazole
USP Related Compound A

CAT No. : KMP012001

CAS No. : 127780-16-9

Molecular Formula : C₁₆H₁₅F₂N₃O₅S

Molecular Weight : 399.37



Analytical Information

Batch No. : PEN-SUL-073-205

Description : Light Yellow Solid

HPLC Purity : 97.75 %

Weight Loss By TGA : 0.51 %

% Potency : 97.25 %

Solubility : ACN

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 - 0.51(Weight Loss By TGA)] x [97.75(HPLC Purity)]/100 = 97.25 %

-Re-tested on 13.09.2024

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, ¹H NMR, IR and TGA