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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

**Product Name: Pantoprazole EP Impurity B**

### Identification:

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

Synonyms : Pantoprazole Sulfide ;  
Pantoprazole USP Related  
Compound B

CAS Number : 102625-64-9

CAT Number : CP-P15002

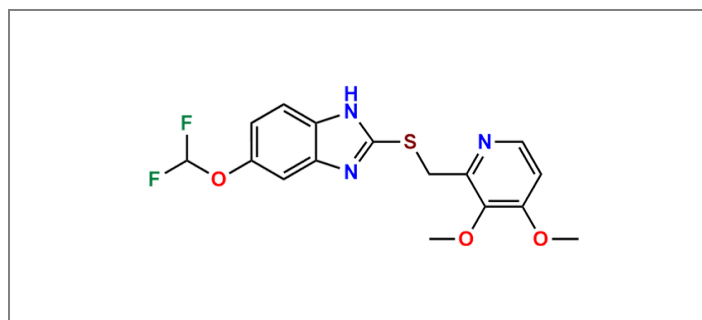
Molecular Formula : C<sub>16</sub>H<sub>15</sub>F<sub>2</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight : 367.37

Batch Number : COR/PTP-02/01

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.89%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

### Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.