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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2025

**Product Name: Pantoprazole EP Impurity E**

### Identification:

Chemical Name: 6,6'-Bis(difluoromethoxy)-2,2'-bis(((3,4-dimethoxypyridin-2-yl)methyl)sulfinyl)-1H,1'H-5,5'-bibenzo[d]imidazole

Synonyms : Pantoprazole Dimer ;  
Pantoprazole USP Related  
Compound E

CAS Number : 2115779-15-0

CAT Number : CP-P15019

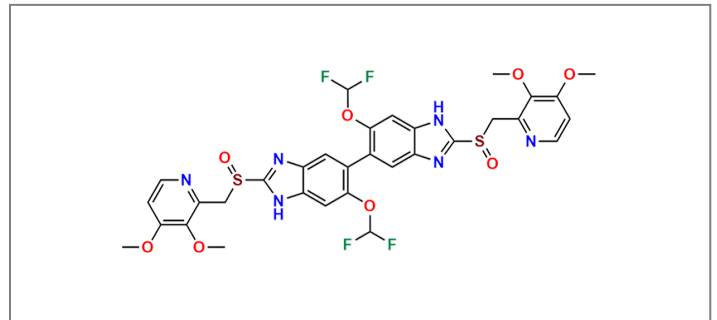
Molecular Formula : C<sub>32</sub>H<sub>28</sub>F<sub>4</sub>N<sub>6</sub>O<sub>8</sub>S<sub>2</sub>

Molecular Weight : 764.72

Batch Number : CP-PAN-E-0224

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.03%
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.