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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: N-Nitroso Pantoprazole EP Impurity B**

#### Identification:

Chemical Name: 5-(Difluoromethoxy)-2-(((3,4-dimethoxypyridin-2-yl)methyl)thio)-1-nitroso-1H-benzo[d]imidazole

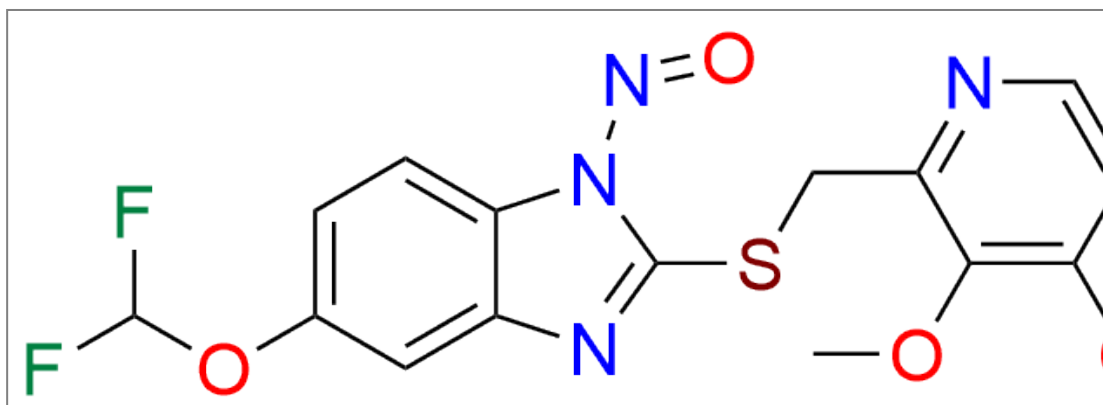
Synonyms : N-Nitroso  
Pantoprazole  
USP Related  
Compound B ; N-  
Nitroso  
Pantoprazole  
Sulfide

CAS  
Number : NA

CAT  
Number : CP-P15012

Molecular  
Formula : C<sub>16</sub>H<sub>14</sub>F<sub>2</sub>N<sub>4</sub>O<sub>4</sub>S

Molecular  
Weight : 396.37



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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