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### CERTIFICATE OF ANALYSIS

Analysis Date:

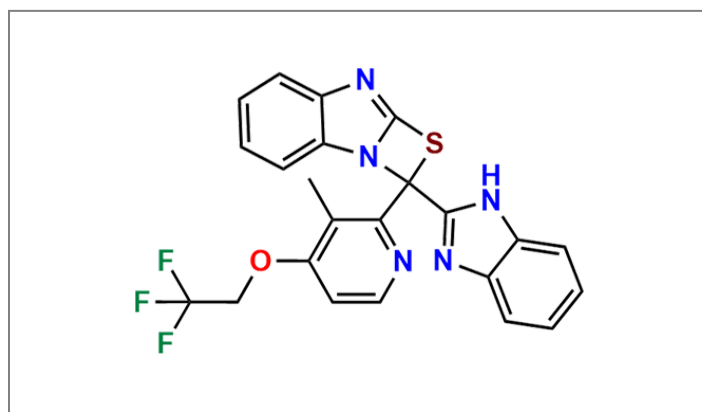
Re-test Date:

**Product Name: Dexlansoprazole Impurity 12**

#### Identification:

Chemical Name: 2-(1H-Benzo[d]imidazol-2-yl)-2-(3-methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-yl)-2H-benzo[d][1,3]thiazeto[3,2-a]imidazole

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-D69010  
Molecular Formula : C<sub>23</sub>H<sub>16</sub>F<sub>3</sub>N<sub>5</sub>O<sub>5</sub>  
Molecular Weight : 467.5



#### 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**

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.