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## CERTIFICATE OF ANALYSIS

Analysis Date:

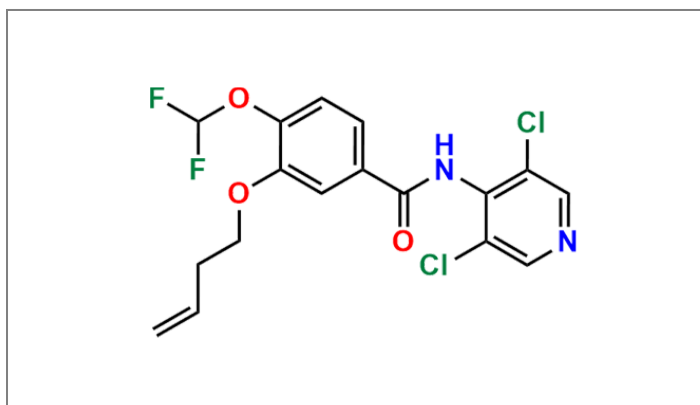
Re-test Date:

**Product Name: Roflumilast Buten Impurity**

### Identification:

Chemical Name: 3-(But-3-en-1-yloxy)-N-(3,5-dichloropyridin-4-yl)-4-(difluoromethoxy)benzamide

Synonyms : NA  
CAS Number : 2368178-29-2  
CAT Number : CP-R29014  
Molecular Formula : C<sub>17</sub>H<sub>14</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>2</sub>O<sub>3</sub>  
Molecular Weight : 403.21



### 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.