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## CERTIFICATE OF ANALYSIS

Analysis Date:

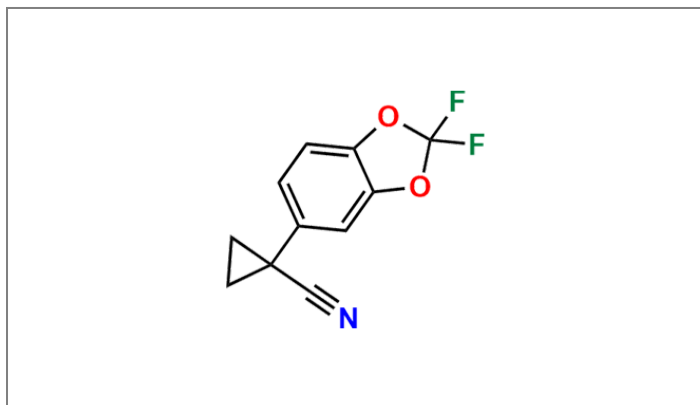
Re-test Date:

**Product Name: Lumacaftor Cyano Impurity**

### Identification:

Chemical Name: 1-(2,2-Difluorobenzo[d][1,3]dioxol-5-yl)cyclopropane-1-carbonitrile

Synonyms : NA  
CAS Number : 862574-87-6  
CAT Number : CP-L54001  
Molecular Formula : C<sub>11</sub>H<sub>7</sub>F<sub>2</sub>NO<sub>2</sub>  
Molecular Weight : 223.18



### 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.