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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Rivaroxaban Descarboxyl Impurity**

### Identification:

Chemical Name: 5-Chloro-N-[(2R)-2-hydroxy-3-[[4-(3-oxomorpholin-4-yl)phenyl]amino]propyl]thiophene-2-carboxamide

Synonyms : Rivaroxaban Open Ring (USP)

CAS Number : 721401-53-2

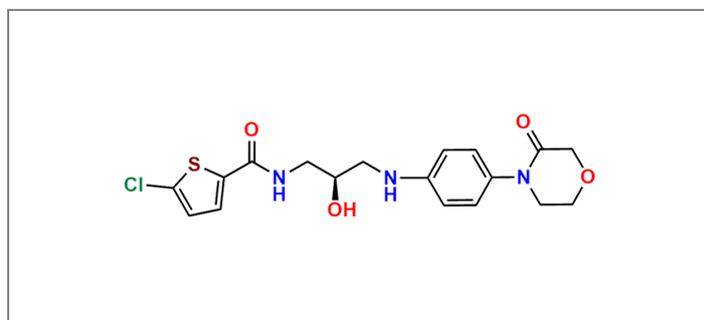
CAT Number : CP-R17046

Molecular Formula : C<sub>18</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>4</sub>S

Molecular Weight : 409.89

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**Prepared and Reviewed By**

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Pooja Pawar  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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