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## CERTIFICATE OF ANALYSIS

Analysis Date:

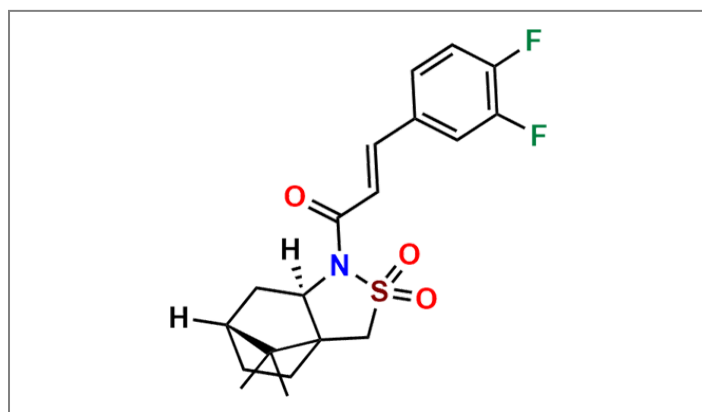
Re-test Date:

**Product Name: Ticagrelor Impurity 111**

### Identification:

Chemical Name: (E)-3-(3,4-Difluorophenyl)-1-((6R,7aR)-8,8-dimethyl-2,2-dioxidotetrahydro-3H-3a,6-methanobenzo[c]isothiazol-1(4H)-yl)prop-2-en-1-one

Synonyms : NA  
CAS Number : 220352-29-4  
CAT Number : CP-T21140  
Molecular Formula : C<sub>19</sub>H<sub>21</sub>F<sub>2</sub>N<sub>2</sub>O<sub>3</sub>S  
Molecular Weight : 381.44



### 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.