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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Rotigotine EP Impurity E**

### Identification:

Chemical Name: (2S)-5-hydroxy-N-propyl-N-(2-(thiophen-2-yl)ethyl)-1,2,3,4-tetrahydronaphthalen-2-amine oxide

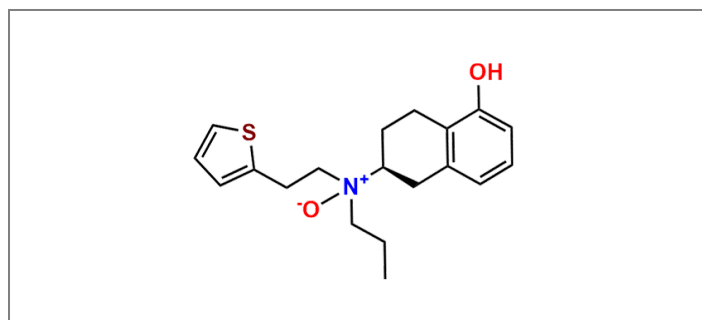
Synonyms : NA

CAS Number : 2708278-87-7

CAT Number : CP-R51041

Molecular Formula : C<sub>19</sub>H<sub>25</sub>N<sub>2</sub>O<sub>2</sub>S

Molecular Weight : 331.47



### 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.