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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Rotigotine EP Impurity I**

### Identification:

Chemical Name: (6S)-6-[Propyl[2-(thiophen-2-yl)ethyl]amino]-5,6,7,8-tetrahydronaphthalen-1-yl 4-methylbenzenesulfonate (as per EP)

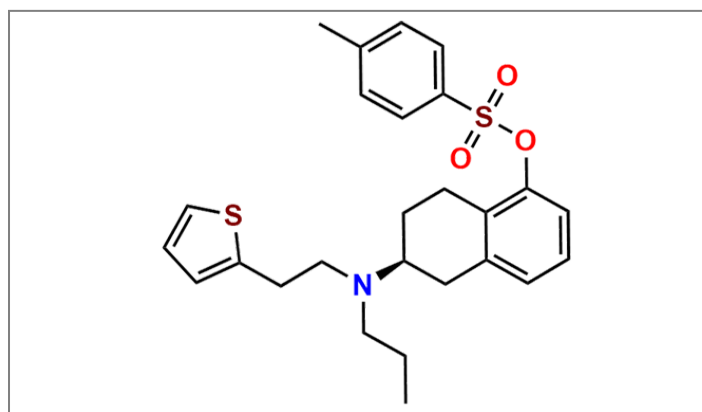
Synonyms : rotigotine toluene sulfonic acid ester

CAS Number : 1966941-11-6

CAT Number : CP-R51009

Molecular Formula : C<sub>26</sub>H<sub>31</sub>NO<sub>3</sub>S<sub>2</sub>

Molecular Weight : 469.66



### 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.