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## CERTIFICATE OF ANALYSIS

Analysis Date:

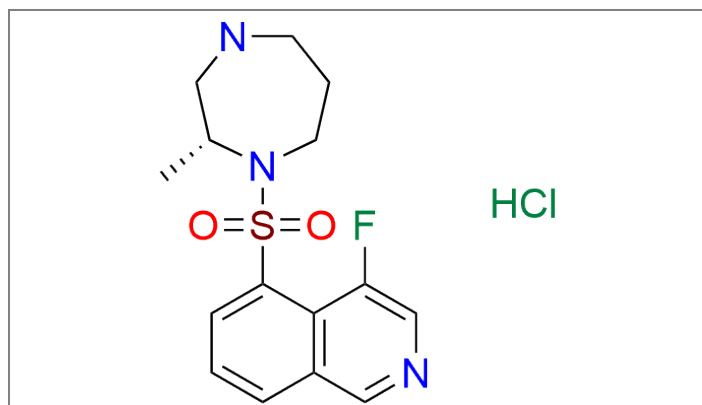
Re-test Date:

**Product Name: Ripasudil Impurity 1**

**Identification:**

Chemical Name: 4-Fluoro-5-[[ (2R)-2-methyl-1,4-diazepan-1-yl]sulfonyl]isoquinoline Hydrochloride

Synonyms : NA  
CAS Number : 223644-04-0  
CAT Number : CP-R25001  
Molecular Formula : C<sub>15</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>2</sub>S : HCl  
Molecular Weight : 323.4 : 36.5



**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.