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## CERTIFICATE OF ANALYSIS

Analysis Date:

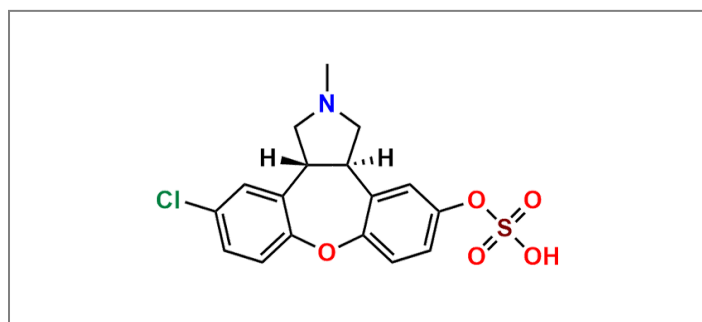
Re-test Date:

**Product Name: Asenapine 11-Sulfate Impurity**

### Identification:

Chemical Name: (3aR,12bR)-Rel-11-Chloro-2,3,3a,12b-tetrahydro-2-methyl-1H-dibenz[2,3:6,7]oxepino [4,5-c]pyrrol-5-ol 5-(hydrogen sulfate)

Synonyms : NA  
CAS Number : 1399103-21-9  
CAT Number : CP-A78003  
Molecular Formula : C<sub>17</sub>H<sub>16</sub>ClNO<sub>5</sub>S  
Molecular Weight : 381.83



### 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.