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## CERTIFICATE OF ANALYSIS

Analysis Date:

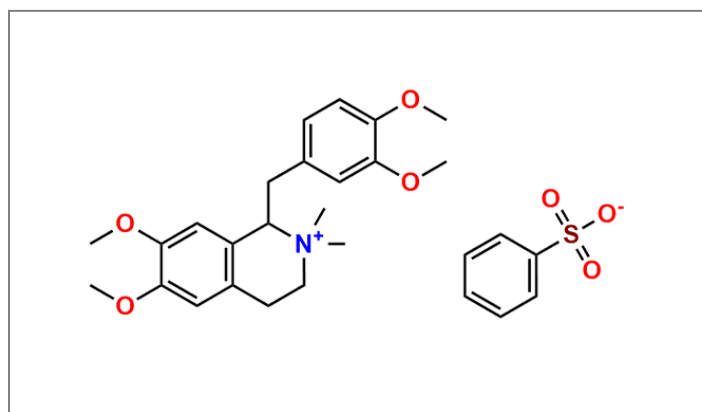
Re-test Date:

**Product Name: Atracurium EP Impurity F (Besylate salt)**

**Identification:**

Chemical Name: 1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-2-ium benzenesulfonate

Synonyms : NA  
CAS Number : 155913-37-4  
CAT Number : CP-A131040  
Molecular Formula : C<sub>22</sub>H<sub>30</sub>NO<sub>4</sub> : C<sub>6</sub>H<sub>5</sub>O<sub>3</sub>S  
Molecular Weight : 372.5 : 157.2



**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.