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## CERTIFICATE OF ANALYSIS

Analysis Date:

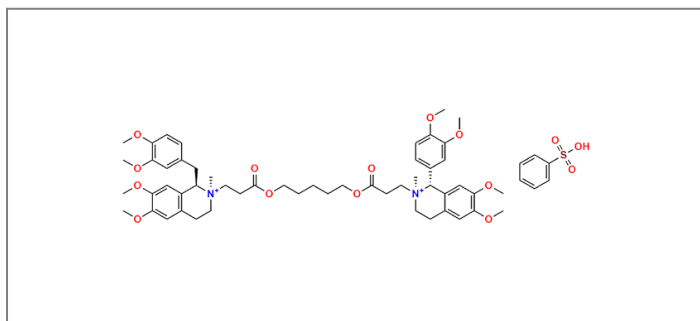
Re-test Date:

**Product Name: Cis, Trans-R,R Atracurium Besyl**

### Identification:

Chemical Name: (1R,2R)-1-(3,4-Dimethoxybenzyl)-2-(3-((5-((3-((1R,2S)-1-(3,4-dimethoxyphenyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-2-ium-2-yl)propanoyl)oxy)pentyl)oxy)-3-oxopropyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-2-ium dibenzenesulphonate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A131093  
Molecular Formula : C<sub>52</sub>H<sub>70</sub>N<sub>2</sub>O<sub>12</sub> : 2(C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>S)  
Molecular Weight : 915.1 : 2(158.2)



### 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.