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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Atracurium cis-Quaternary methyl ester

Identification:

Chemical Name: (1R)-1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-(3-methoxy-3-oxopropyl)-2-methyl-1,2,3,4-tetrahydroisoquinolin-2-ium benzenesulfonate

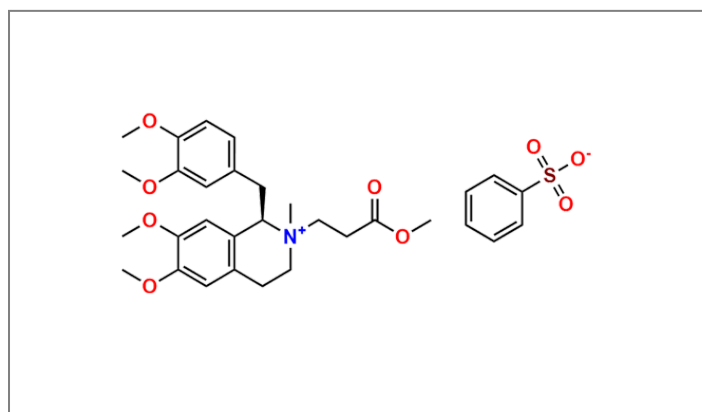
Synonyms : Cisatracurium EP Impurity D

CAS Number : 1075726-88-3

CAT Number : CP-A131019

Molecular Formula : C₂₅H₃₄N₀₆ : C₆H₅O₃S

Molecular Weight : 444.55 : 157.16



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

Approved By




Ms Priyanka Salunkhe
(Manager QC Analytical)



Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.