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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Cisatracurium EP Impurity P

Identification:

Chemical Name: (1R,2S)-1-[(3,4-Dimethoxyphenyl)methyl]-2-[3-[[5-[[3-[(1R)-1-[(3,4-dimethoxyphenyl)methyl]-6,7-dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl]propanoyl]oxy]pentyl]oxy]-3-oxopropyl]-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium (as per EP)

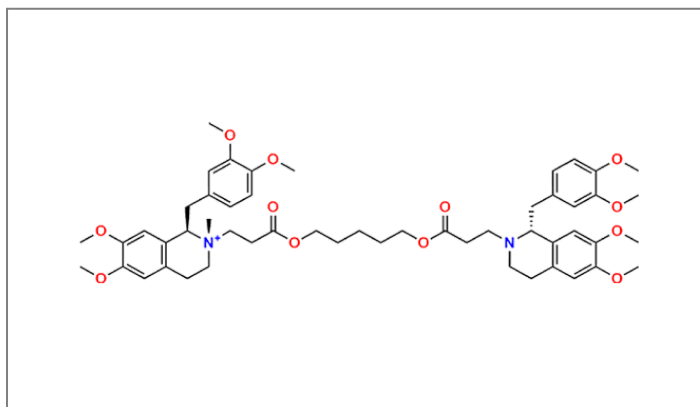
Synonyms : Atracurium EP Impurity A1

CAS Number : 2024603-91-4

CAT Number : CP-C126016

Molecular Formula : C52H69N2O12

Molecular Weight : 914.13



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.