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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Cisatracurium EP Impurity I

Identification:

Chemical Name: 2,2'-[[[(1R,2R)-1-[(3,4-dimethoxyphenyl)methyl]-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium]]bis[oxo(3-oxopropane-3,1-diyl)]]bis[1-(1R,2R)-1-[(3,4-dimethoxyphenyl)methyl]-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium]](asperEP);(1R,1'R,2S)-2-Methyl-2,2'-(3,11-dioxo-4,10-dioxatridecamethylene)bis(1,2,3,4-tetrahydro-6,7-dimethoxy-1-veratrylisoquinolinium)(asperUSP)

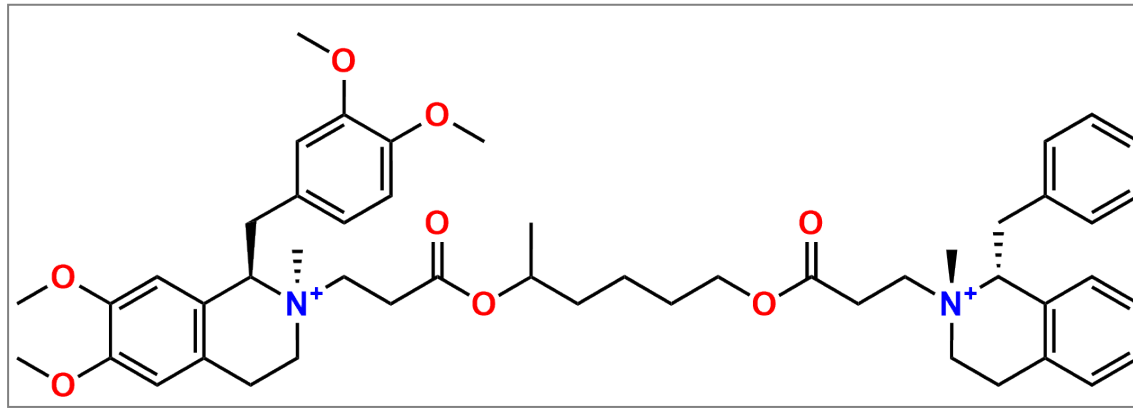
Synonyms : NA

CAS Number : 1193104-81-2

CAT Number : CP-C126009

Molecular Formula : C₅₄H₇₄N₂O₁₂

Molecular Weight : 943.2



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.