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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Cisatracurium EP Impurity A**

### Identification:

Chemical Name: (1R,2R)-2-(2-Carboxyethyl)-1-[(3,4-dimethoxyphenyl)methyl]-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium (as per EP)

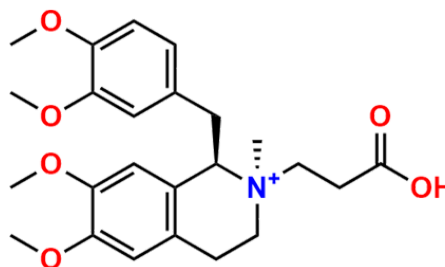
Synonyms : cis-Quaternary acid

CAS Number : 1075727-04-6

CAT Number : CP-C126001

Molecular Formula : C<sub>24</sub>H<sub>32</sub>N<sub>06</sub>

Molecular Weight : 430.52



### 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.