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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Cisatracurium EP Impurity N (Trifluoroacetate salt)**

### Identification:

Chemical Name: 2,2,2-trifluoroacetic acid, (1R,2S)-2-(3-((5-(acryloyloxy)pentyl)oxy)-3-oxopropyl)-1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-2-ium salt

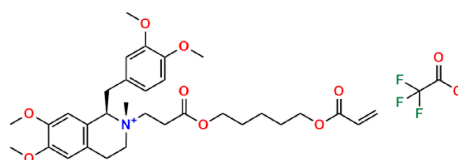
Synonyms : trans-Monoacrylate  
Cisatracurium

CAS Number : NA

CAT Number : CP-C126021

Molecular Formula : C<sub>32</sub>H<sub>44</sub>NO<sub>8</sub> : C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>

Molecular Weight : 570.7 : 114.0



### 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.