

Analysis Date: 18-04-2025

Re-test Date: 18-04-2028

ATRACURIUM BESYLATE - IMPURITY A

Identification

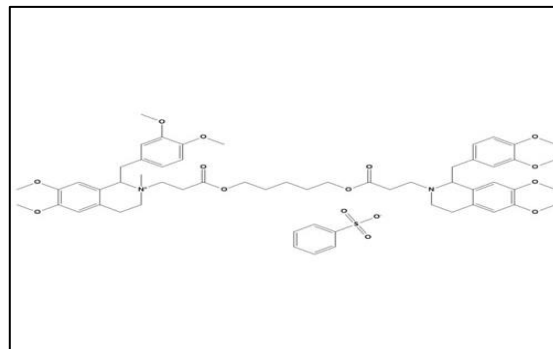
Chemical Name : 1-(3,4-Dimethoxybenzyl)-2-(3-((5-((3-(1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl)propanoyl)oxy)pentyl)oxy)-3-oxopropyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-2-ium 2,2,2-trifluoroacetate

CAT No : ALL-AT0740

CAS No : 87046-74-0 (free base)

Molecular Formula : C₅₈H₇₄N₂O₁₅S

Molecular Weight : 1071.28



Analytical Information

Batch Code	: ALL-AT0740	HPLC Purity	: 98.00%
Solubility	: METHANOL	Potency	: 96.47%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.843%	¹H NMR	: Confirm
Residue Of Ignition	: 0.796%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =
[100 - (0.843 + 0.796 × 98.00)]/100 = 96.39%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203