



SYNNAT PHARMA PRIVATE LIMITED

Plot No.60A, Jawaharlal Nehru Pharma City,
Parawada Mandal, Visakhapatnam District-531019,
Andhra Pradesh, India.

ATRACURIUM BESYLATE API WORKING STANDARDS AND IMPURITIES

S. No.	Chemical Name	CAS No.	Structure
1	(1R,2S)-1-(3,4-dimethoxybenzyl)-2-(3-(5-(3-((R)-1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-3,4-dihydroisoquinolin-2(1H)-yl)propanoyloxy)pentyl)-3-oxopropyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium benzene-sulfonate (Atracurium Impurity A1 (trans-Mono quaternary))	NA	
3	pentane-1,5-diyl bis(3-(1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-3,4-dihydro isoquinolin-2(1H)-yl)propanoate) dioxalate [ATM-II-Oxalate]	NA	
4	(1R,2S)-2-(3-(5-(acryloyloxy) pentyl)-3-oxopropyl)-1-(3,4-dimethoxybenzyl) -6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydro isoquinolinium benzene-sulfonate (Atracurium Impurity C1 & C2)	NA	
5	(1R,2S)-1-(3,4-dimethoxybenzyl)-2-(3-(5-hydroxypentyl)-3-oxopropyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydro isoquinolinium benzene sulphonate (Atracurium Impurity D1 & D2)	NA	



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S. No.	Chemical Name	CAS No.	Structure
6	1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2,2-dimethyl-1,2,3,4-tetrahydroisoquinolinium iodide (Atracurium-EP Impurity F)	NA	
7	1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinoline (R-Atracurium-EP Impurity G)	1699-51-0	
8	2,2'-(3,3'-(hexane-1,6-diylbis(oxy)) bis(3-oxopropane-3,1-diyl))bis(1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium) (Atracurium -EP Impurity H Iodide) (Mixture of Diastereomers)		
9	2,2'-(3,3'-(3-methylpentane-1,5-diyl)bis(oxy)bis(3-oxopropane-3,1-diyl))bis(1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydroisoquinolinium) iodide (Atracurium EP- Impurity I Iodide) (Mixture of Diastereomers)	NA	
10	2,2'-[hexane-1,5-diylbis[oxy(3-oxopropane-1,3-diyl)]]bis[1-(3,4-dimethoxybenzyl)-6,7-dimethoxy-2-methyl-1,2,3,4-tetrahydro isoquinolinium]. (Atracurium -EP Impurity K Iodide) (Mixture of Diastereomers)	NA	



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CONTACT DETAILS

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