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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

**Product Name: Rocuronium EP Impurity E**

### Identification:

Chemical Name: 1-[17B-acetoxy-3a-hydroxy-2B-(pyrrolidin-1-yl)-5a-androstan-16B-yl]-1-(prop-2-enyl)pyrrolidinium bromide

Synonyms : Rocuronium USP Related  
Compound E

CAS Number : 1190105-65-7

CAT Number : CP-R78006

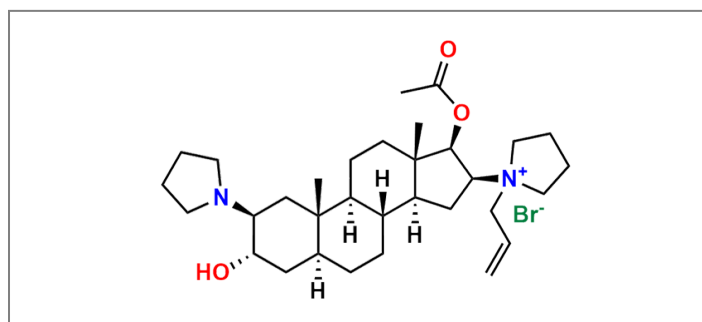
Molecular Formula : C<sub>32</sub>H<sub>53</sub>N<sub>2</sub>O<sub>3</sub> : Br

Molecular Weight : 513.79 : 79.9

Batch Number : CP-ROC-E-0524

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow to Yellow Hygroscopic Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.95%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.