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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Rocuronium EP Impurity D**

### Identification:

Chemical Name: 1-[3a-acetoxy-17B-hydroxy-2B-(morpholin-4-yl)-5a-androstan-16B-yl]-1-(prop-2-enyl)pyrrolidinium bromide

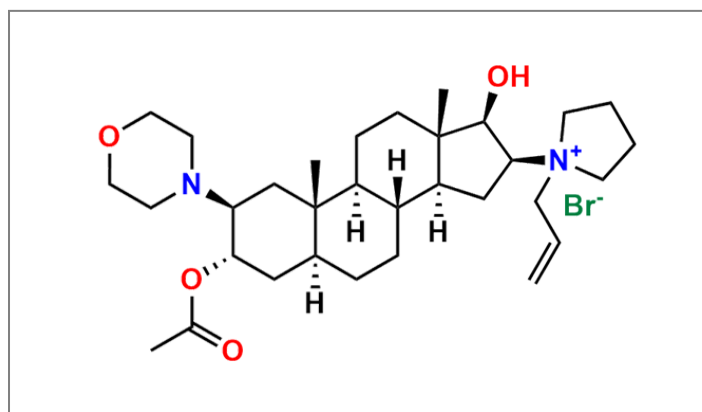
Synonyms : Rocuronium USP Related  
Compound D

CAS Number : 1190105-63-5

CAT Number : CP-R78005

Molecular Formula : C<sub>32</sub>H<sub>53</sub>N<sub>2</sub>O<sub>4</sub> : Br

Molecular Weight : 529.79 : 79.9



### 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.