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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Rocuronium EP Impurity G**

#### Identification:

Chemical Name: 2 $\beta$ -(morpholin-4-yl)-16 $\beta$ -(pyrrolidin-1-yl)-5 $\alpha$ -androstand-3 $\alpha$ ,17 $\beta$ -diol (as per EP & USP)

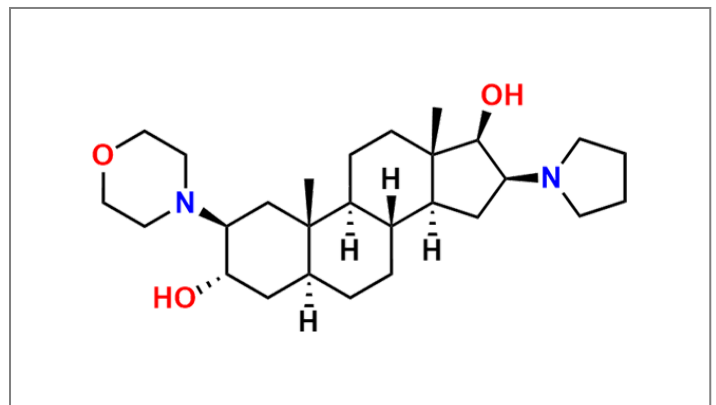
Synonyms : Rocuronium USP Related  
Compound G

CAS Number : 119302-20-4

CAT Number : CP-R78010

Molecular Formula : C<sub>27</sub>H<sub>46</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 446.7



#### 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.