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### CERTIFICATE OF ANALYSIS

Analysis Date:

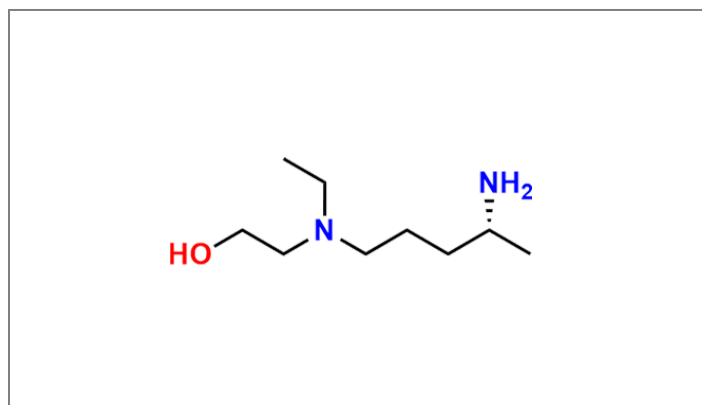
Re-test Date:

**Product Name: Hydroxychloroquine Impurity 5**

#### Identification:

Chemical Name: (R)-2-((4-Aminopentyl)(ethyl)amino)ethan-1-ol

Synonyms : NA  
CAS Number : 159346-86-8  
CAT Number : CP-H4033  
Molecular Formula : C<sub>9</sub>H<sub>22</sub>N<sub>2</sub>O  
Molecular Weight : 174.29



#### 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.