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## CERTIFICATE OF ANALYSIS

Analysis Date:

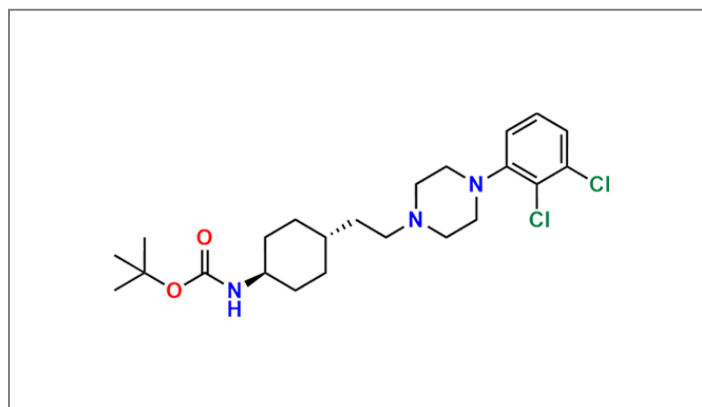
Re-test Date:

**Product Name: tert-Butyl ((1R,4R)-4-(2-(4-(2,3-dichlorophenyl)piperazin-1-yl)ethyl)cyclohexyl)carbamate**

### Identification:

Chemical Name: Tert-butyl ((1r,4r)-4-(2-(4-(2,3-dichlorophenyl)piperazin-1-yl)ethyl)cyclohexyl)carbamate

Synonyms: : NA  
CAS Number: : 506427-91-4  
CAT Number: : CP-C57009  
Molecular Formula: : C<sub>23</sub>H<sub>35</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: : 456.45



### 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)      | <sup>1</sup> H NMR | Confirm to structure     |



Prepared and Reviewed By

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Approved By

Ms Rohini Gagare  
(QA Head)