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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

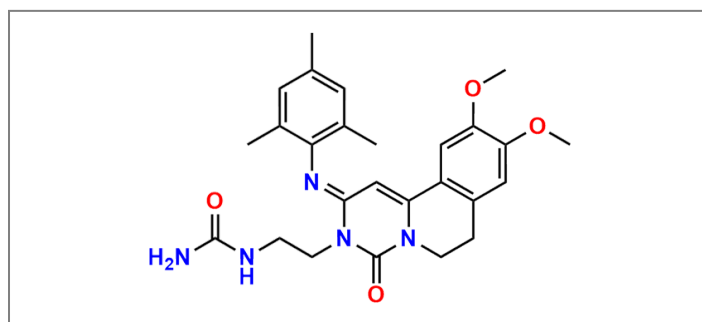
Re-test Date: Jun 2027

**Product Name: Ensifentrine (In House Standard)**

### Identification:

Chemical Name: (E)-1-(2-(2-(mesitylimino)-9,10-dimethoxy-4-oxo-6,7-dihydro-2H-pyrimido[6,1-a]isoquinolin-3(4H)-yl)ethyl)urea

Synonyms : NA  
CAS Number : 1884461-72-6  
CAT Number : CP-E78000  
Molecular Formula : C<sub>26</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub>  
Molecular Weight : 477.56  
Batch Number : CP-ENS-IN-0724  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test           | Result                   |
|---------|----------------|--------------------------|
| 1)      | Description    | Yellow Solid             |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | 99.8%                    |
| 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.