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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Citalopram EP Impurity C**

### Identification:

Chemical Name: 1-(3-(dimethylamino)propyl)-1-(4-fluorophenyl)-3-oxo-1,3-dihydroisobenzofuran-5-carbonitrile

Synonyms : Citalopram USP Related  
Compound C

CAS Number : 372941-54-3

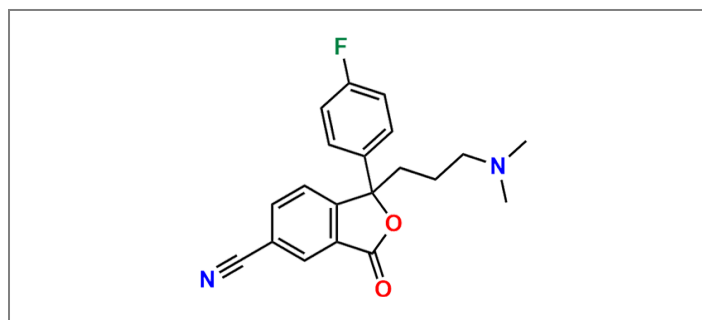
CAT Number : CP-C23003

Molecular Formula : C<sub>20</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>2</sub>

Molecular Weight : 338.38

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        | Solid                    |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to structure     |
| 4)      | Purity By HPLC     | >95%                     |
| 5)      | H1NMR              | Confirm to structure     |
| 6)      | Weight loss by TGA | -                        |
| 7)      | Potency by TGA     | -                        |



**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.