

Analysis Date: 30/12/2021

Re-test Date: 28/12/2023

(R)-Citalopram oxalate
Identification

Chemical Name : (R)-(-)-1-(3-Dimethylaminopropyl)-1-(4-fluoro-phenyl)-1,3-dihydro-isobenzofuran-5-carbonitrile oxalate

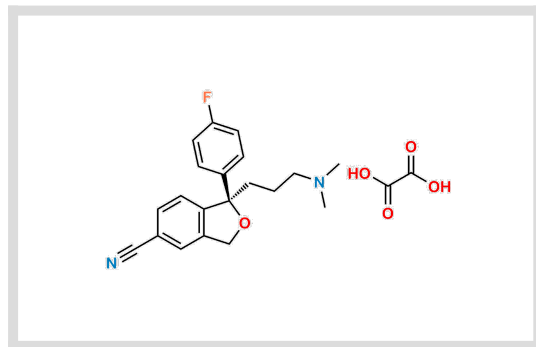
CAT No. : SZ-C039012

CAS No. : 219861-53-7

Molecular Formula : C₂₀H₂₁NF₂O . C₂H₂O₄

Molecular Weight : 324.4 . 90.0

Synonyms : Citalopram R-Isomer


Analytical Information

Batch Code : SRL-383-132

Solubility : ACN:H₂O(8:2)

Appearance of product : White Solid

Long Term Storage : 2-8 °C for long term storage

Weight Loss By TGA : 0.33 %

Chiral Purity : 100.00 %

HPLC Purity : 100.00 %

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm



DEPT Analysis : Confirm

Additional Information

% Potency = [100 - 0.33 (Wt loss by TGA)] X [100.00 (HPLC Purity)] / 100 = 99.67 %

Recommendation : Released



	Department	Signature	Date
Prepared and Reviewed by	Analytical		12/07/2022
Approved By	Quality Control		12/07/2022

Attachments : HPLC, Mass, ¹H NMR, IR, TGA, ¹³C NMR, DEPT, Chiral Purity

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.