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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Chlortalidone EP impurity D

Identification:

Chemical Name: 2-Chloro-5[(1R)-1-ethoxy-3-oxo-2,3-dihydro-1H-isoindol-1-yl]benzene sulfonamide

Synonyms : Chlortalidone Ethyl Ether ; O-Ethyl Chlortalidone

CAS Number : 1369995-36-7

CAT Number : CP-C20004

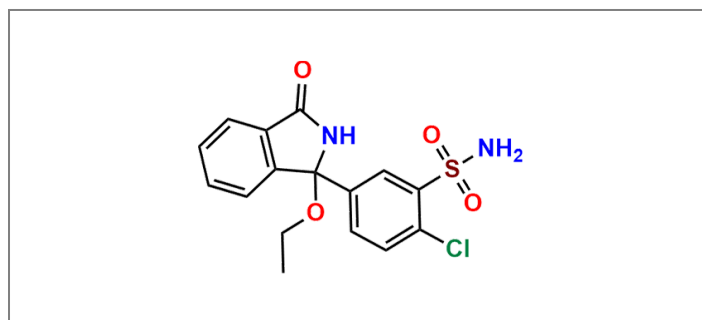
Molecular Formula : C₁₆H₁₅ClN₂O₄S

Molecular Weight : 366.82

Batch Number : CP-CHL-D-1224

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	White to Off White Solid
2)	Solubility	Soluble in Methanol /DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity By HPLC	99.87%
5)	H1NMR	Confirm to Structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.169%
9)	Potency by TGA	99.70%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.