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CERTIFICATE OF ANALYSIS

Analysis Date: May 2023

Re-test Date: Apr 2026

Product Name: Chlortalidone EP Impurity I

Identification:

Chemical Name: 2-[3-(Aminosulfonyl)-4-chlorobenzoyl]-benzoic acid isopropyl ester

Synonyms : Chlortalidone Acid Isopropyl Ester

CAS Number : 2514668-27-8

CAT Number : CP-C20009

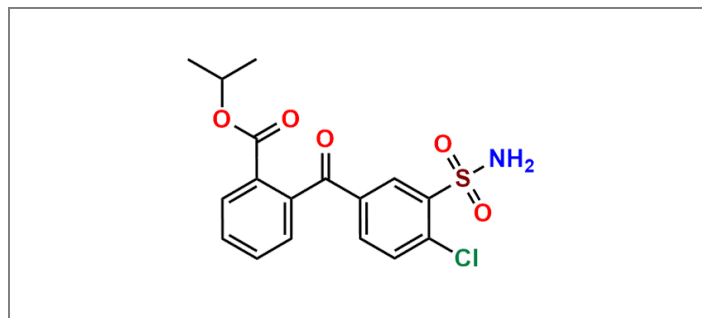
Molecular Formula : C₁₇H₁₆ClNO₅S

Molecular Weight : 381.83

Batch Number : CHEM-CHL-I

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	Pale Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.33%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.77%
8)	Potency by TGA	97.56%



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.