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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2027

**Product Name: Chlortalidone EP impurity C**

### Identification:

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

Synonyms : Chlortalidone Acid Ethyl Ester

CAS Number : 92874-73-2

CAT Number : CP-C20003

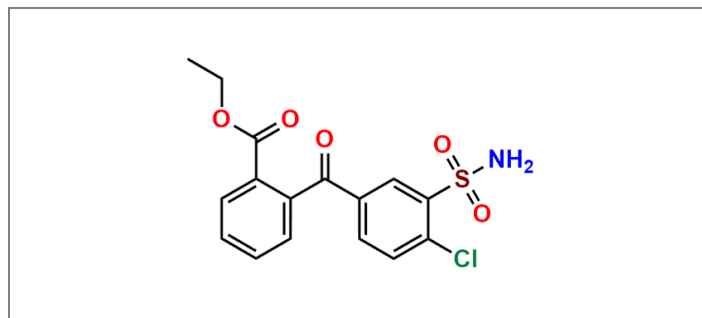
Molecular Formula : C<sub>16</sub>H<sub>14</sub>ClNO<sub>5</sub>S

Molecular Weight : 367.80

Batch Number : CHEM-CHL-C

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	97.24%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.36%
9)	Potency by TGA	96.88%



**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.