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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

Product Name: Amiodarone EP Impurity C (Hydrochloride salt)

Identification:

Chemical Name: (2-Butylbenzofuran-3-yl)[4-[2-(diethylamino)ethoxy]-3-iodophenyl]methanone hydrochloride (as per EP & USP)

Synonyms : Amiodarone Related Compound
C(Hydrochloride salt) ; Desiodo
Amiodarone(Hydrochloride salt)

CAS Number : 1397201-93-2

CAT Number : CP-A56003

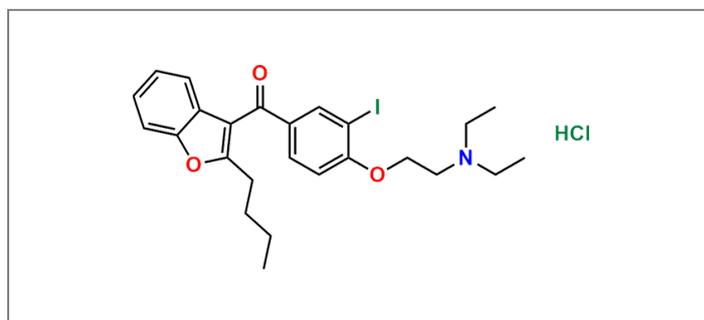
Molecular Formula : C₂₅H₃₀INO₃ : HCl

Molecular Weight : 519.42 : 36.46

Batch Number : CP-38-100

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	Off White Sticky Mass
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.54%
5)	¹ HNMR	Confirm to Structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	2.089%
9)	Potency by TGA	97.46%



Prepared and Reviewed By

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

Ms Priyanka Salunkhe
(Quality Control)

Approved By

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

Ms Rohini Gagare
(Quality Assurance)

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