

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

**Product Name: Amiodarone EP Impurity F**

### Identification:

Chemical Name: (2-Butylbenzofuran-3-yl)(4-hydroxy-3-iodophenyl)methanone (as per EP & USP)

Synonyms : Amiodarone Related Compound  
F ; De(diethylaminoethyl-5-iodo)  
Amiodarone

CAS Number : 147030-50-0

CAT Number : CP-A56006

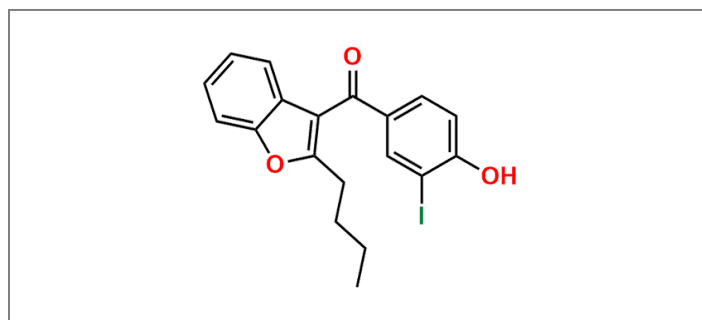
Molecular Formula : C<sub>19</sub>H<sub>17</sub>IO<sub>3</sub>

Molecular Weight : 420.25

Batch Number : CP-AMI-F-0623

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	99.25%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.9121%
8)	Potency by TGA	98.33%



**Prepared and Reviewed By**

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

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

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

Ms Rohini Gagare  
(QA Head)

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