

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: May 2024

Re-test Date: Apr 2027

**Product Name: Amiodarone EP Impurity D**

### Identification:

Chemical Name: (2-butylbenzofuran-3-yl)(4-hydroxy-3,5-diiodophenyl)methanone (as per EP)

Synonyms : Amiodarone USP Related  
Compound D ; Amiodarone  
Metabolite B2

CAS Number : 1951-26-4

CAT Number : CP-A56004

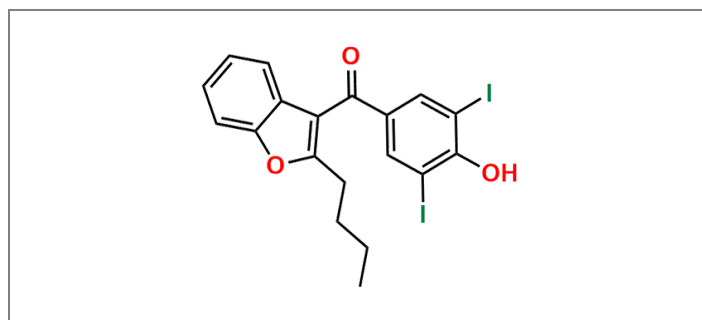
Molecular Formula : C<sub>19</sub>H<sub>16</sub>I<sub>2</sub>O<sub>3</sub>

Molecular Weight : 546.14

Batch Number : CP-AMI-D-0524

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.88%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	0.307%
8)	Potency by TGA	99.57%



**Prepared and Reviewed By**

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

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

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

Ms Rohini Gagare  
(Quality Assurance)

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