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## 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

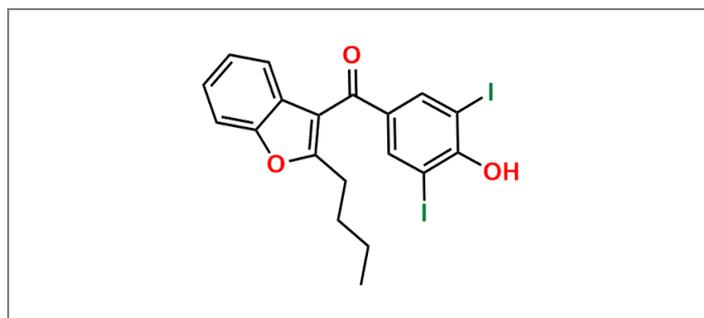
Molecular Formula : C<sub>19</sub>H<sub>16</sub>I<sub>2</sub>O<sub>3</sub>

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> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.307%
9)	Potency by TGA	99.57%



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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