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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

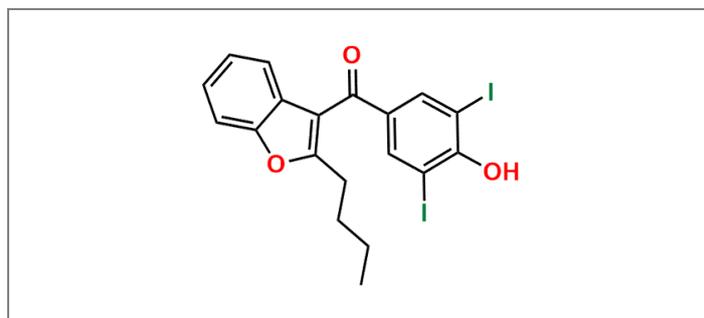
Molecular Formula : C₁₉H₁₆I₂O₃

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)	¹ H NMR	Confirm to structure
6)	¹³ 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.