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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2027

**Product Name: Amiodarone EP Impurity G**

### Identification:

Chemical Name: [4-[2-(Diethylamino)ethoxy]-3,5-diiodophenyl][2-[(1R)-1-methoxybutyl]benzofuran-3-yl]methanone

Synonyms : Amiodarone Related Compound  
G

CAS Number : 1087223-70-8

CAT Number : CP-A56018

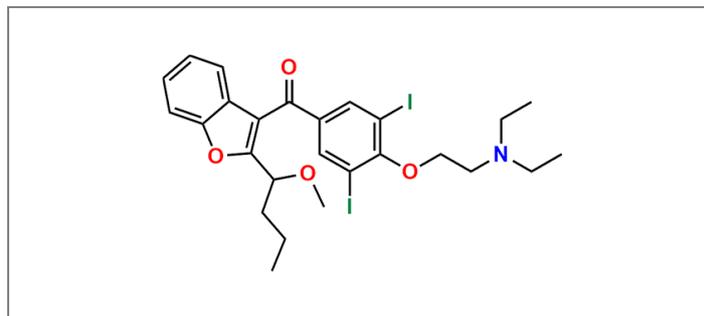
Molecular Formula : C<sub>26</sub>H<sub>31</sub>I<sub>2</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 675.35

Batch Number : CP-34-94

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Sticky Mass
2)	Solubility	Soluble in Methanol/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	97.11%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



#### 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.