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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

**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

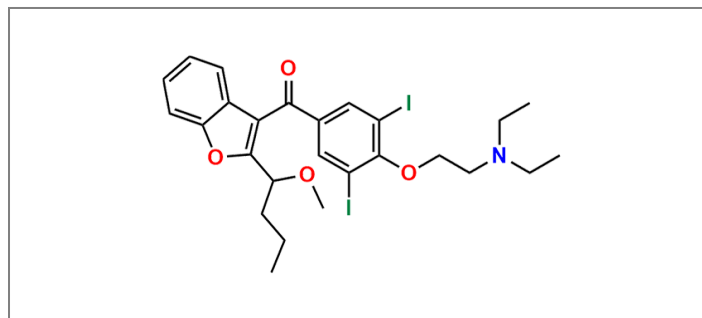
Molecular Formula : C<sub>26</sub>H<sub>31</sub>I<sub>2</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 675.35

Batch Number : CP-AMI-G-1223

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	Brown Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.66%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.7598%
8)	Potency by TGA	90.9%



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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