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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**Product Name: N-Nitroso N-Desethyl Amiodarone**

### Identification:

Chemical Name: N-(2-(4-(2-Butylbenzofuran-3-carbonyl)-2,6-diiodophenoxy)ethyl)-N-ethylnitrous amide

Synonyms : N-Nitroso Amiodarone EP  
Impurity B ; N-Nitroso  
Amiodarone USP Related  
Compound B

CAS Number : 678982-38-2

CAT Number : CP-A56011

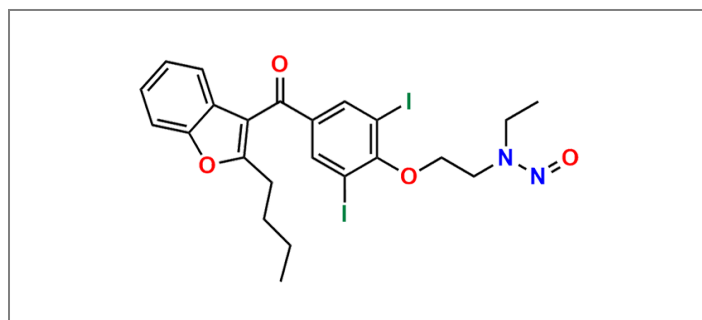
Molecular Formula : C<sub>23</sub>H<sub>24</sub>I<sub>2</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 646.26

Batch Number : CP-AMI-DEN-1224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

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



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Low Melting Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Isomer 1=43.478% + Isomer 2=55.883% = Total Purity 99.36%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



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.