

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

**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

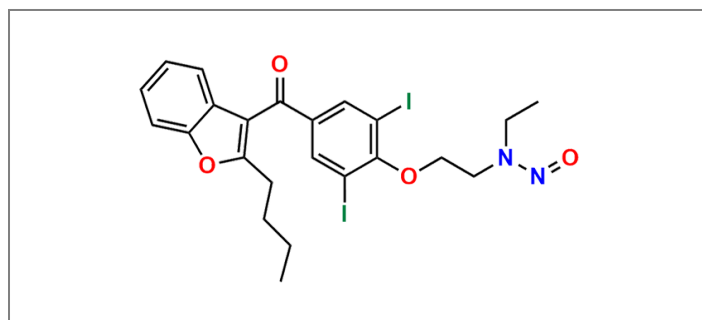
Molecular Formula : C<sub>23</sub>H<sub>24</sub>I<sub>2</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 646.26

Batch Number : CP-AMI-DMN-0426

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Isomer 1-22.55% (RT-35.056)+Isomer 2-76.30% (RT-43.502)=98.85%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.438%
9)	Potency by TGA	98.42%



**Prepared and Reviewed By**

A handwritten signature in black ink, appearing to read "Shubham Bondre", written over a horizontal line.

Mr. Shubham Bondre  
(Quality Control)

**Approved By**

A handwritten signature in black ink, appearing to read "Abhijit Kale", written over a horizontal line.

Mr. Abhijit Kale  
(Quality Assurance)

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