

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA009023-03)

Release Date: 06/03/2026

Re-test Date: 05/03/2029

## AMIODARONE RELATED COMPOUND J

### Identification

**Chemical Name :**

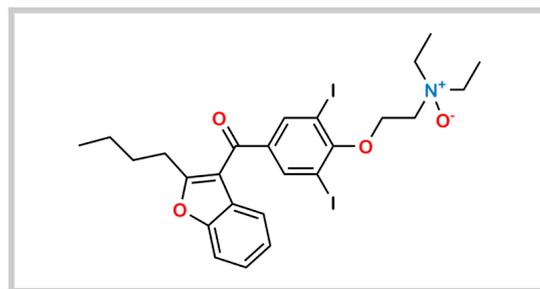
2-(4-(2-Butylbenzofuran-3-carbonyl)-2,6-diiodophenoxy)-N,N-diethylethan-1-amine oxide

**CAT No.** : KMA009023

**CAS No.** : 318267-30-0

**Molecular Formula** : C<sub>25</sub>H<sub>29</sub>I<sub>2</sub>NO<sub>4</sub>

**Molecular Weight** : 661.3



### Analytical Information

**Batch No.** : A009023-114-160

**Description** : Brown Thick Syrup

**HPLC Purity** : 82.31 %

**Weight Loss By TGA** : 6.90 %

**% Potency** : 76.63 %

**Solubility** : ACN : WATER (8 : 2)\*

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 6.90(Weight Loss By TGA)] x [82.31(HPLC Purity)]/100 = 76.63 %

-Re-tested on 06.03.2026

-Solubility changed on 06.03.2026

-Do note sonicate for sample preparation

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		06/03/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		06/03/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA