



CERTIFICATE OF ANALYSIS

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1. Identification

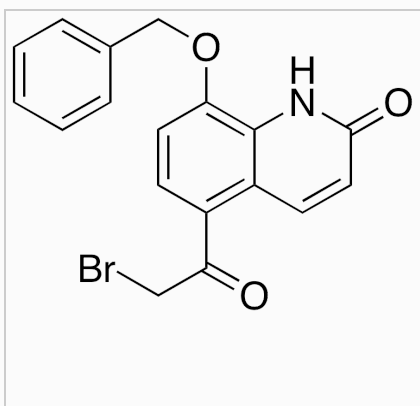
Catalogue Number: B286115

CAS Number: 100331-89-3

Product: 8-Benzyloxy-5-(2-bromoacetyl)-2(1H)-quinolinone

Synonym: 5-(Bromoacetyl)-8-(phenylmethoxy)-2(1H)-quinolinone; 5-(2-Bromo-1-oxoethyl)-8-benzyloxy-2(1H)-quinolinone; 5-Bromoacetyl-8-benzyloxycarbostyryl; 8-(Benzyloxy)-5-(bromoacetyl)quinolin-2(1H)-one; 8-Benzyloxy-5-(2-Bromoacetyl)-1H-quinolin-2-one; 8-Benzyloxy-5-bromoacetylcarbostyryl

Structure:



Molecular Formula:

$C_{18}H_{14}BrNO_3$

Molecular weight:

372.21

Source of Product:

N/A

Solubility:

Chloroform (Sparingly, Sonicated), Ethyl Acetate (Slightly)

Lot Number: 2-PVA-62-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|---------------------------|--------------------------------|
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 57.72, %H: 3.46, %N: 3.68 |
| MS | Conforms to Structure | Conforms |
| Appearance | White to Pale Beige Solid | Off-White to Pale Yellow Solid |

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|-----------|-------------|
| Neha Khanna | Toni Rantanen | Chanell Chu | 12/9/2021 | 12/7/2025 |