

## 1. Identification

Catalogue Number

Q765210

Lot Number

1-XPL-75-1

Product Name

bis(8-Quinololinato-κN1,κO8)-Copper (>90%)

Synonyms

Copper-8-quinolinolate; Oxine-copper; Bis(8-quinolinolato-N1,O8)-copper; 8-Hydroxyquinoline Copper Salt; 8-Hydroxyquinoline Copper(2+) Salt; Arbrex 805; Betaxate; Bioquin; Bis(8-hydroxyquinolinato) copper; Bis(8-oxyquinoline)copper; Bis(8-quinolinolato)copper; Bis(8-quinolinolato)copper(II); Cupric 8-Oxyquinoline; Copper 8-Hydroxyquinolate; Copper 8-Hydroxyquinolinolate; Copper 8-Hydroxyquinoline;

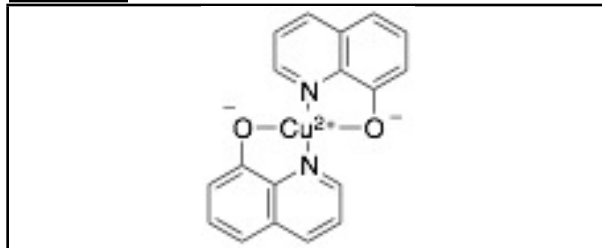
CAS Number

10380-28-6

Solubility

Acidic Chloroform (Slightly), Acidic DMSO (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>18</sub>H<sub>12</sub>CuN<sub>2</sub>O<sub>2</sub>

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

351.85

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Very Dark Grey to Black Solid

Results

Black Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 58.47, %H: 3.05, %N: 7.67

HPLC Purity

>95%

99.84% (255 nm)

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 ± 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



Henry Tieu

Product Quality Specialist

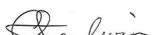
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

11/24/2022

Retest Date

11/22/2026