

1. Identification

Catalogue Number

N234400

Lot Number

20-ZEA-147-1

Product Name

Naphthol AS-LC

Synonyms

N-(4-Chloro-2,5-dimethoxyphenyl)-3-hydroxy-2-naphthalenecarboxamide; 2-Hydroxy-3-naphthoylamino-2',5'-dimethoxy-4-chloroanilide; 2-Hydroxynaphthalene-3-carboxylic Acid-2',5'-dimethoxy-4'-chlorophenylamide; Anarthol AS-LC; C.I. 37555; C.I. Azoic Coupling Component 23; Conazoic BC; Dycosthol AS-LC; Kiwa Grounder LC; N-(2',5'-Dimethoxy-4'-chlorophenyl)-3-hydroxy-2-

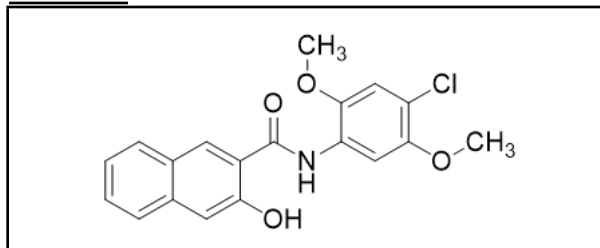
CAS Number

4273-92-1

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₉H₁₆ClNO₄

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

357.79

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Grey to Light Grey Solid

Results

Light Brown

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.91% (240 nm)

MS

Conforms to Structure

Conforms

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



Farnaz Mahmoudi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

2/27/2025

Retest Date

2/25/2032