

1. Identification

Catalogue Number

Z343000

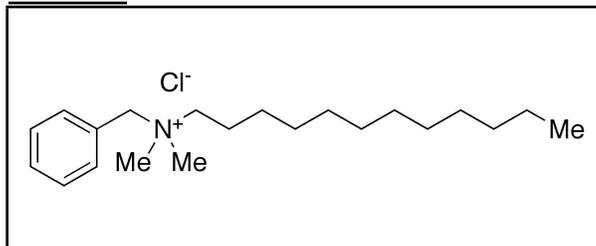
Lot Number

1-TTK-46-1

Product Name

Zephirol

Structure



Synonyms

N-Dodecyl-N,N-dimethylbenzenemethanaminium Chloride; Benzododecinium Chloride; Benzylidimethyldodecylammonium Chloride; Catigene OM; Catinol CB 50; Catiogen PAN; Lauryldimethylbenzylammonium Chloride;

CAS Number

139-07-1

Solubility

Chloroform (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₃₈ClN

Source of Product

N/A

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

339.99

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 66.98, %H: 11.17, %N: 3.71

HPLC Purity

Report Result

99.36% (200 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 ± 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

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Christina Gouliaras

Quality Assurance Associate

Test Date

7/18/2024

Retest Date

7/16/2028