

1. Identification

Catalogue Number

T774253

Lot Number

15-DHL-105-4

Product Name

Triclosan-13C6

Synonyms

5-Chloro-2-(2,4-dichloro-3,5,6-d3-phenoxy)phenol-13C6; 2,4,4'-Trichloro-2'-hydroxydiphenyl Ether-13C6; 2'-Hydroxy-2,4,4'-trichlorodiphenyl Ether-13C6; Aquasept-13C6; Gamophen-13C6; Irgasan DP 300-13C6

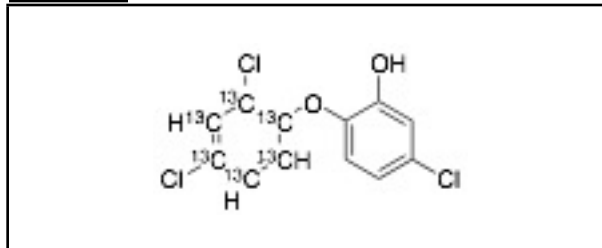
CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆¹³C₆H₇Cl₃O₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

295.5

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Brown Oil to Low-Melting Solid

Results

Pale Beige to Pale Brown Low-Melting Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.51% (215 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.0%

Additional Information

Normalized Intensity: ¹³C₀ = 0.04%, ¹³C₁ = 0.03%, ¹³C₂ = 0.24%, ¹³C₃ = 0.34%, ¹³C₄ = 0.15%, ¹³C₅ = 3.10%, ¹³C₆ = 96.10%

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



Meenakshi Sharma

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

1/12/2024

Retest Date

1/10/2028