

## 1. Identification

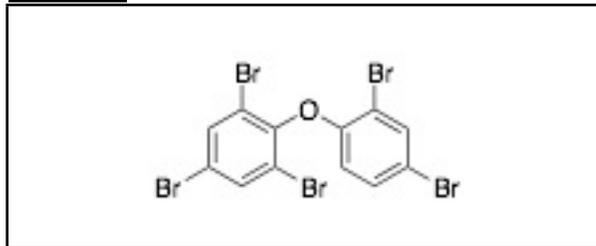
Catalogue Number

P237820

Lot Number

3-EJB-96-4

Structure



Product Name

2,2',4,4',6-Pentabromodiphenyl Ether

Synonyms

1,3,5-Tribromo-2-(2,4-dibromophenoxy)benzene; BDE 100; PBDE 100;

CAS Number

189084-64-8

Solubility

Chloroform (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>12</sub>H<sub>5</sub>Br<sub>5</sub>O

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

564.69

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Waxy Solid to Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.06% (210 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

Meenakshi Sharma  
Product Quality Specialist

Reviewed by

Toni Rantanen  
Manager, Quality Assurance

C of A Approved by

Chanell Chu  
Quality Assurance Associate

Test Date

11/14/2023

Retest Date

11/12/2027