

1. Identification

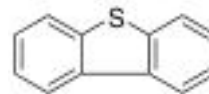
Catalogue Number

D417370

Lot Number

1-AMZ-135-1

Structure



Product Name

Dibenzothiophene

Synonyms

2,2'-Biphenylene Sulfide; 9-Thiafluorene; DBT; Dibenzo[b,d]thiophene; Diphenylene Sulfide; NSC 2843; [1,1'-Biphenyl]-2,2'-diyl Sulfide

CAS Number

132-65-0

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₈S

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

184.26

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.88% (245 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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

2/15/2024

Retest Date

2/13/2031