

1. Identification

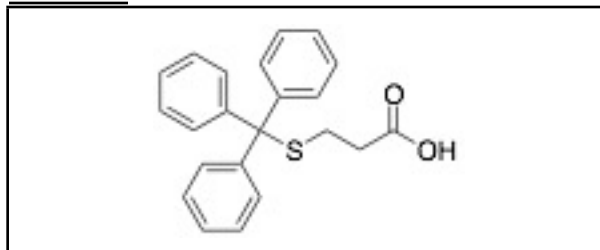
Catalogue Number

TRC-T889475

Lot Number

2-ZPK-2-1

Structure



Product Name

3-Tritylsulfanylpropionic Acid

Synonyms

3-[(Triphenylmethyl)thio]propanoic Acid; 3-(Triphenylmethylthio)propionic Acid; 3-(Tritylthio)propanoic Acid; 3-(Tritylthio)propionic Acid; 3-[(Triphenylmethyl)mercapto]propionic Acid; NSC 96707; S-Trityl-3-mercaptopropionic Acid; β-(Tritylmercapto)propionic Acid

CAS Number

27144-18-9

Solubility

DMSO (Soluble), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₂H₂₀O₂S

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

348.46

Purity

98%

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

C NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.80% (220 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

Nicole Yip
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Jr. Quality Assurance

Test Date

10/8/2021

Retest Date

10/6/2025