



1. Identification

Catalogue Number

T444790

Lot Number

19-UPA-161-1

Product Name

Tiopronin Disulfide

Synonyms

N,N'-[Dithiobis(2-methyl-1-oxo-2,1-ethanediyl)]bisglycine; N,N'-[Dithiobis(ethylidenecarbonyl)]diglycine; 2,2'-Dithiobis(propionylglycine); Oxidized 2-Mercaptopropionylglycine

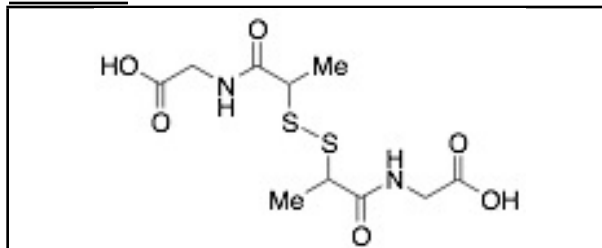
CAS Number

21269-37-4

Solubility

DMSO (Slightly), Methanol (Slightly, Heated, Sonicated), Water (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₆N₂O₆S₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

324.37

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 36.60, %H: 4.94, %N: 8.36

HPLC Purity

>95%

95.94% (205 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

Quality Assurance Associate

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

2/16/2023

Retest Date

2/14/2027