

1. Identification

Catalogue Number

A629375

Lot Number

5-EJR-67-3

Product Name

Hydrochlorothiazide Dimer

Synonyms

N-[[7-(Aminosulfonyl)-6-chloro-2,3-dihydro-1,1-dioxido-4H-1,2,4-benzothiadiazin-4-yl]methyl]-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide

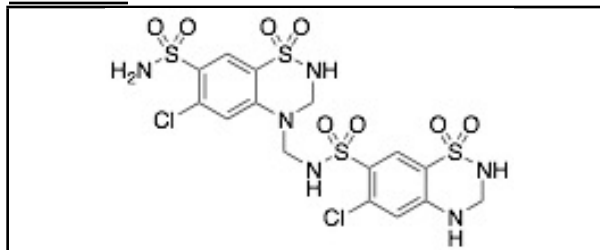
CAS Number

402824-96-8

Solubility

Aqueous Acid (Slightly), DMSO (Slightly)

Structure



Molecular Formula

C₁₅H₁₆Cl₂N₆O₈S₄

Source of Product

Synthetic

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Weight

607.49

Purity

94%

Long Term Storage Conditions

-20°C

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

Elemental Analysis

Conforms

%C: 29.82, %H: 2.68, %N: 13.67

HPLC Purity

Report Result

94.67% (225 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



Vijaya Annapareddy

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

10/3/2024

Retest Date

10/1/2028