

## 1. Identification

Catalogue Number

TRC-O635022

Lot Number

10-AZC-168-1

Product Name

Omeprazole-d3 Sulfide

Synonyms

6-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]thio]-1H-benzimidazole-d3; 2-[[[(3,5-Dimethyl-4-methoxy-2-pyridyl)methyl]thio]-5-methoxybenzimidazole-d3; Pyrimetazole-d3; Ufiprazole-d3;

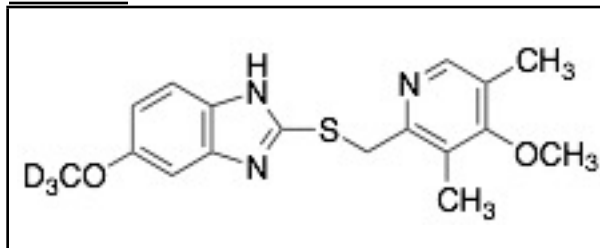
CAS Number

922730-98-1

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>17</sub>H<sub>16</sub>D<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

332.44

Purity

96%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Beige Solid

Results

Pale Beige to Pale Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.04, %H: 6.03, %N: 12.17

HPLC Purity

Report Result

100.00% (210 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9% (d<sub>0</sub> = 0.04%)

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



Neha Khanna

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

6/9/2021

Retest Date

6/7/2031