

1. Identification

Catalogue Number

D721002

Lot Number

27-AZC-28-1

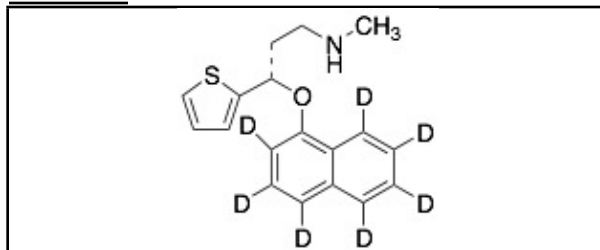
Product Name

Duloxetine-d7

Synonyms

(yS)-N-Methyl-γ-(1-naphthalenyloxy-d7)-2-thiophenepropanamine; (+)-(S)-N-Methyl-γ-(1-naphthyloxy-d7)-2-thiophenepropylamine; LY-248686-d7;

Structure



CAS Number

919514-01-5

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈H₁₂D₇NOS

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

304.46

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Light Yellow to Brown Oil to Semi-Solid

Results

Yellow to Beige Oil to Semi-Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.32% (215 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.6%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.05%, d₂ = 0.00%, d₃ = 0.03%, d₄ = 0.01%, d₅ = 0.37%, d₆ = 8.40%, d₇ = 91.14%

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

Quality Assurance Associate

Test Date

10/20/2023

Retest Date

10/18/2030