

1. Identification

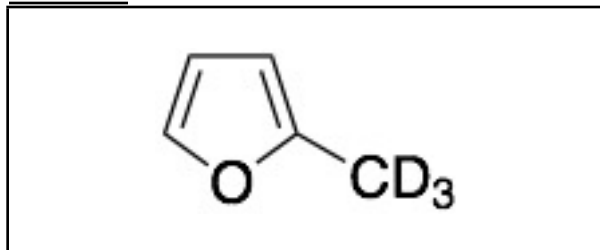
Catalogue Number

TRC-M305441

Lot Number

5-AZK-88-2

Structure



Product Name

2-Methylfuran-d3 (>90%)

Synonyms

2-(Methyl-d3)furan;

CAS Number

64954-34-3

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C₅H₃D₃O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

85.12

Purity

>90%

2. Warnings

Light Sensitive

Volatile

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Light Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.7%

Additional Information

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.70.

Normalized Intensity: d₀ = 0.48%, d₁ = 0.66%, d₂ = 4.00%, d₃ = 94.86%

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

Eric J. Beaton

Eric Beaton

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

My Nguyen

My Nguyen

Quality Assurance Associate

Test Date

12/6/2019

Retest Date

12/4/2023