

1. Identification

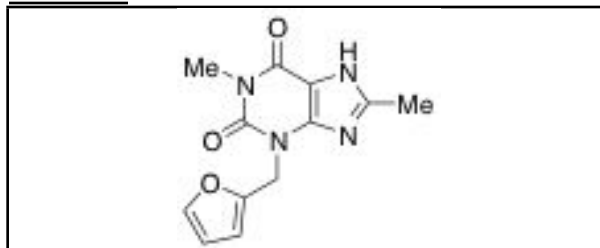
Catalogue Number

F864070

Lot Number

11-LXS-88-2

Structure



Product Name

Furafylline

Synonyms

3-(2-furanylmethyl)-3,9-dihydro-1,8-dimethyl-1H-purine-2,6-dione

CAS Number

80288-49-9

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₂N₄O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

260.25

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Light Beige to Brown Solid

Results

Light Brown to Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

95.77% (275 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

R. Reddy

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

5/2/2023

Retest Date

4/30/2027