

1. Identification

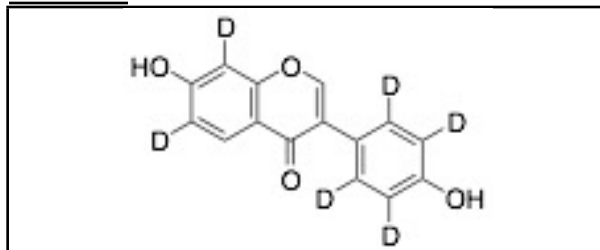
Catalogue Number

D103502

Lot Number

2-VAS-9-1

Structure



Product Name

Daidzein-d6

Synonyms

7-Hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one-d6; 4',7-Dihydroxyisoflavone-d6; Daidzein-2',3',5',6,6',8-d6;

CAS Number

291759-05-2

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₅H₄D₆O₄

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

260.27

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Grey Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 65.78, %H: 3.69

HPLC Purity

>95%

96.07% (250 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.3%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.01%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.11%, d₅ = 4.13%, d₆ = 95.75%

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. Swathi

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

6/19/2023

Retest Date

6/17/2027