

1. Identification

Catalogue Number

D470755

Lot Number

7-UPA-2-2

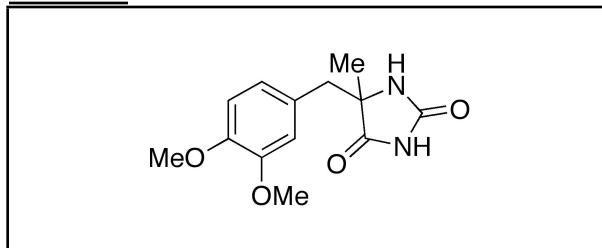
Product Name

5-[(3,4-Dimethoxyphenyl)methyl]-5-methyl-2,4-imidazolidinedione

Synonyms

5-Methyl-5-veratryl-hydantoin; 5-[(3,4-Dimethoxyphenyl)methyl]-5-methyl-hydantoin

Structure



CAS Number

892-02-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₆N₂O₄

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

264.28

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.23, %H: 6.18, %N: 10.65

HPLC Purity

>95%

100.00% (230 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



Neha Khanna

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Nicole Badiali

Quality Assurance Associate

Test Date

8/25/2025

Retest Date

8/23/2032