

1. Identification

Catalogue Number

C175682

Lot Number

10-MVI-114-4

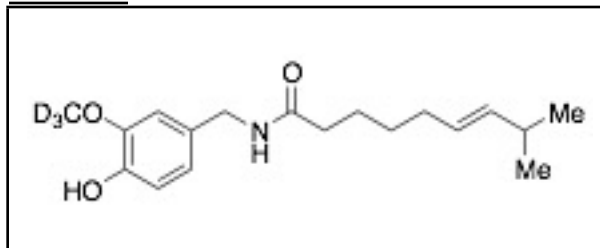
Product Name

Capsaicin-d3(E/Z-Mixture)

Synonyms

N-[(4-Hydroxy-3-(methoxy-d3)phenyl)methyl]-8-methyl-6-nonenamide; (E/Z)-8-Methyl-N-vanillyl-6-nonenamide-d3;

Structure



CAS Number

1185237-43-7

Solubility

Benzene (Slightly), Chloroform (Slightly), Diethyl Ether (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈H₂₄D₃NO₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

308.43

Purity

>95%

2. Warnings

Toxic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.64% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.7%

Additional Information

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.55.

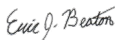
Normalized Intensity: d₀ = 0.02%, d₁ = 0.35%, d₂ = 0.00%, d₃ = 99.63%

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 Beaton

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



My Nguyen

Quality Assurance Associate

Test Date

1/13/2020

Retest Date

1/11/2030