



CERTIFICATE OF ANALYSIS

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1. Identification

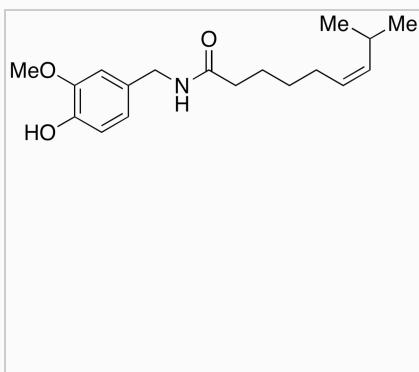
Catalogue Number: C175690

CAS Number: 25775-90-0

Product: cis-Capsaicin

Synonym: (6Z)-N-[(4-Hydroxy-3-methoxyphenyl)methyl]-8-methyl-6-nonenamide; (Z)-8-Methyl-N-vanillyl-6-nonenamide; (Z)-8-Methyl-N-vanillyl-6-nonenamide; (Z)-Capsaicin; Civamide; Zucapsaicin;

Structure:



Molecular Formula:

C₁₈H₂₇NO₃

Molecular weight:

305.41

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 5-PRB-59-2

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C, Light sensitive

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Appearance

NMR

MS

HPLC Purity

Specifications:

White to Off-White Solid

Conforms to Structure

Conforms to Structure

Report Result

Results:

White to Off-White Solid

Conforms

Conforms

98.25% (205 nm)

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 $\pm 2\%$. 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

Swathi Reddy

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

4/22/2022

Retest Date

4/20/2026