



Molecular Formula: C₁₇H₂₇NO₃
Molecular Weight: 293.405
Accurate Mass: 293.199094
Percentage Composition: C 69.59%; H 9.27%; N 4.77%; O 16.36%
Biological Source: Constit. of *Capsicum annuum*

>>Derivative: 3-Me ether, *N*-(7-methyl-5*E*-octenoyl)

Synonym(s): *N*-[(4-Hydroxy-3-methoxyphenyl)methyl]-7-methyl-5-octenamide, 9Cl. **Norcapsaicin**

CAS Registry Number: 61229-08-1
Extra CAS Registry Numbers(s): 112375-60-7

Molecular Formula: C₁₇H₂₅NO₃
Molecular Weight: 291.389
Accurate Mass: 291.183444
Percentage Composition: C 70.07%; H 8.65%; N 4.81%; O 16.47%
Biological Source: Constit. of *Capsicum annuum*

>>Derivative: 3-Me ether, *N*-(9-methyldecanoyl)

Synonym(s): *N*-[(4-Hydroxy-3-methoxyphenyl)methyl]-9-methyldecanamide, 9Cl. **Homodihydrocapsaicin**

CAS Registry Number: 20279-06-5

Molecular Formula: C₁₉H₃₁NO₃
Molecular Weight: 321.459
Accurate Mass: 321.230394
Percentage Composition: C 70.99%; H 9.72%; N 4.36%; O 14.93%
Biological Source: Constit. of *Capsicum annuum*

>>Derivative: 3-Me ether, *N*-(9-methyl-7*E*-decenoyl)

Synonym(s): *N*-[(4-Hydroxy-3-methoxyphenyl)methyl]-9-methyl-7-decenamide. **Homocapsaicin**

CAS Registry Number: 58493-48-4
Extra CAS Registry Numbers(s): 112375-61-8

Molecular Formula: C₁₉H₂₉NO₃
Molecular Weight: 319.443
Accurate Mass: 319.214744
Percentage Composition: C 71.44%; H 9.15%; N 4.38%; O 15.03%
Biological Source: Constit. of *Capsicum annuum*

>>Derivative: Di-Me ether

Synonym(s): 3,4-Dimethoxybenzylamine. 3,4-Dimethoxybenzenemethanamine, 9Cl. Veratrylamine

CAS Registry Number: 5763-61-1
Molecular Formula: C₉H₁₃NO₂
Molecular Weight: 167.207
Accurate Mass: 167.094629
Percentage Composition: C 64.65%; H 7.84%; N 8.38%; O 19.14%
Physical Description: Liq.
Boiling Point: Bp₁₆ 155-156°. Bp₃ 120°
Hazard & Toxicity: LD₅₀ (mus,ivn) 178 mg/kg. Exp. teratogenic effects

Aldrich: V130-9
Fluka: 94880

>>Derivative: Di-Me ether; hydrochloride

CAS Registry Number: 6967-51-7
Physical Description: Cryst. (EtOH)
Melting Point: Mp 254-256°