



>>Derivative: *N*-(2,11-Eicosadienoyl)(*E,E*-)

Synonym(s): *N*-(2,11-Eicosadienoyl)pyrrolidine. 2,11-Eicosadienoic acid pyrrolidide

CAS Registry Number: 102934-34-9

Molecular Formula: C₂₄H₄₃NO

Molecular Weight: 361.61

Accurate Mass: 361.334464

Percentage Composition: C 79.72%; H 11.99%; N 3.87%; O 4.42%

Biological Source: Alkaloid from *Piper amalago*

>>Derivative: *N*-(3,6-Eicosadienoyl)

Synonym(s): *N*-(3,6-Eicosadienoyl)pyrrolidine. 3,6-Eicosadienoic acid pyrrolidide

CAS Registry Number: 102819-22-7

Molecular Formula: C₂₄H₄₃NO

Molecular Weight: 361.61

Accurate Mass: 361.334464

Percentage Composition: C 79.72%; H 11.99%; N 3.87%; O 4.42%

Biological Source: Alkaloid from *Piper amalago*

Other Data: Struct. not certain, may be the 3,7-dienoyl isomer

>>Derivative: *N*-(14ξ-Methylhexadecanoyl)

Synonym(s): *N*-(14-Methylhexadecanoyl)pyrrolidine. 14-Methylhexadecanoic pyrrolidide. Alkaloid MQ-A₃

Molecular Formula: C₂₁H₄₁NO

Molecular Weight: 323.561

Accurate Mass: 323.318814

Percentage Composition: C 77.95%; H 12.77%; N 4.33%; O 4.94%

Biological Source: Alkaloid from *Ipomoea aquatica* and *Merremia quinquefolia*

Optical Rotation: [α]_D²⁰ +5 (c, 0.4 in CHCl₃)

>>Derivative: *N*-Benzoyl

CAS Registry Number: 3389-54-6

Molecular Formula: C₁₁H₁₃NO

Molecular Weight: 175.23

Accurate Mass: 175.099714

Percentage Composition: C 75.40%; H 7.48%; N 7.99%; O 9.13%

Physical Description: Liq.

Boiling Point: Bp₂₀ 187°

>>Derivative: *N*-Nitroso

CAS Registry Number: 930-55-2

Molecular Formula: C₄H₈N₂O

Molecular Weight: 100.12

Accurate Mass: 100.063663

Percentage Composition: C 47.99%; H 8.05%; N 27.98%; O 15.98%

Source/Synthesis: Found in fried bacon, tobacco smoke

Physical Description: Oil

Boiling Point: Bp 214°

Refractive Index: n_D²⁰ 1.4900

Hazard & Toxicity: Exp. hepatocarcinogen

Aldrich: 15824-0

Sigma: N0633

Supelco: 44-2692

>>Derivative: *N*-Me