



Molecular Formula: C₃₀H₅₀N₂O
Molecular Weight: 454.738
Accurate Mass: 454.392313
Percentage Composition: C 79.24%; H 11.08%; N 6.16%; O 3.52%

>>>**Derivative:** *N*^b-Docosanoyl

Synonym(s): *N*-[2-(1*H*-Indol-3-yl)ethyl]docosanamide. 3-[2-(Docosanoylaminoethyl)]indole. Behenic acid tryptamide. *N*^b-Behenoyltryptamine. *N*^b-Docosanoyltryptamine

CAS Registry Number: 7367-79-5

Molecular Formula: C₃₂H₅₄N₂O
Molecular Weight: 482.791
Accurate Mass: 482.423613
Percentage Composition: C 79.61%; H 11.27%; N 5.80%; O 3.31%

Physical Description: Cryst. (Me₂CO/Me₂CO)
Melting Point: Mp 121-123° (116-117°)

>>>**Derivative:** *N*^b-Tricosanoyl

Synonym(s): *N*^b-Tricosanoyltryptamine

CAS Registry Number: 152766-93-3

Molecular Formula: C₃₃H₅₆N₂O
Molecular Weight: 496.818
Accurate Mass: 496.439263
Percentage Composition: C 79.78%; H 11.36%; N 5.64%; O 3.22%

>>>**Derivative:** *N*^b-Tetracosanoyl

Synonym(s): *N*^b-Tetracosanoyltryptamine. *N*^b-Lignoceroyltryptamine

CAS Registry Number: 152766-94-4

Molecular Formula: C₃₄H₅₈N₂O
Molecular Weight: 510.845
Accurate Mass: 510.454913
Percentage Composition: C 79.94%; H 11.44%; N 5.48%; O 3.13%

Melting Point: Mp 120-123°

>>>**Derivative:** *N*^b-Pentacosanoyl

Synonym(s): *N*^b-Pentacosanoyltryptamine

CAS Registry Number: 152766-95-5

Molecular Formula: C₃₅H₆₀N₂O
Molecular Weight: 524.872
Accurate Mass: 524.470563
Percentage Composition: C 80.09%; H 11.52%; N 5.34%; O 3.05%

>>>**Derivative:** *N*^b-Hexacosanoyl

Synonym(s): *N*^b-Hexacosanoyltryptamine. *N*^b-Cerotoyltryptamine

CAS Registry Number: 152766-96-6

Molecular Formula: C₃₆H₆₂N₂O
Molecular Weight: 538.899
Accurate Mass: 538.486213
Percentage Composition: C 80.24%; H 11.60%; N 5.20%; O 2.97%