



Molecular Weight: 173.211
Percentage Composition: C 55.47%; H 8.73%; N 8.09%; O 27.71%
Biological Use/Importance: Drug used to treat dizziness, antiemetic
Melting Point: Mp 160-162° (157-158°)
Calculated Log P Data: Log P 0.84 (calc)
Sigma: A1001

>>Derivative: *N*-Ac, amide

Molecular Formula: C₈H₁₆N₂O₂
Molecular Weight: 172.227
Accurate Mass: 172.121178
Percentage Composition: C 55.79%; H 9.36%; N 16.27%; O 18.58%
Melting Point: Mp 157-158°

>>Derivative: *N*-(Chloroacetyl)

CAS Registry Number: 7154-83-8
Molecular Formula: C₈H₁₄ClNO₃
Molecular Weight: 207.656
Accurate Mass: 207.066221
Percentage Composition: C 46.27%; H 6.80%; Cl 17.07%; N 6.75%; O 23.11%
Physical Description: Cryst.
Melting Point: Mp 142°

>>Derivative: *N*-Benzoyl

CAS Registry Number: 17966-67-5
Molecular Formula: C₁₃H₁₇NO₃
Molecular Weight: 235.282
Percentage Composition: C 66.36%; H 7.28%; N 5.95%; O 20.40%
Physical Description: Needles or plates
Solubility: Sol. EtOH, Et₂O, CHCl₃, AcOH; spar. sol. C₆H₆; insol. petrol

>>Derivative: *N*-Benzoyl, Me ester

CAS Registry Number: 38449-08-0
Molecular Formula: C₁₄H₁₉NO₃
Molecular Weight: 249.309
Accurate Mass: 249.136494
Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%
Physical Description: Cryst. (petrol)
Melting Point: Mp 95-96°

>>Derivative: *N*-Benzoyl, amide

Molecular Formula: C₁₃H₁₈N₂O₂
Molecular Weight: 234.297
Accurate Mass: 234.136828
Percentage Composition: C 66.64%; H 7.74%; N 11.96%; O 13.66%
Physical Description: Plates (petrol)
Melting Point: Mp 171°

>>Derivative: Nitrile

CAS Registry Number: 65707-62-2
Molecular Formula: C₆H₁₂N₂
Molecular Weight: 112.174
Accurate Mass: 112.100048
Percentage Composition: C 64.24%; H 10.78%; N 24.97%
Melting Point: Mp 170-172° (as hydrochloride). Mp 203-208° (as hydrochloride)

>>Derivative: *N*-Me