



Molecular Formula: C₈H₁₇NO₂
Molecular Weight: 159.228
Accurate Mass: 159.125929
Percentage Composition: C 60.35%; H 10.76%; N 8.80%; O 20.10%
Other Data: Comly. available, no phys. props. found. CAS no. refers to hydrochloride
Other: Oakwood 1078

>>Derivative: Octyl ester

CAS Registry Number: 39540-30-2
Molecular Formula: C₁₀H₂₁NO₂
Molecular Weight: 187.281
Accurate Mass: 187.157229
Percentage Composition: C 64.13%; H 11.30%; N 7.48%; O 17.09%
Physical Description: Hygroscopic cryst. (EtOH)
Melting Point: Mp 67-70° (hydrochloride)
Other Data: CAS no. refers to hydrochloride
Other: Oakwood 10818

>>Derivative: Benzyl ester

Synonym(s): O-Benzylglycine. Benzyl glycinate

CAS Registry Number: 1738-68-7
Molecular Formula: C₉H₁₁NO₂
Molecular Weight: 165.191
Accurate Mass: 165.078979
Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%
Physical Description: Pale yellow oil

>>Derivative: Benzyl ester; hydrochloride

CAS Registry Number: 2462-31-9
Physical Description: Needles (MeOH/Et₂O)
Melting Point: Mp 135-140°

>>Derivative: Benzyl ester, 4-methylbenzenesulfonate salt

CAS Registry Number: 1738-76-7
Biological Use/Importance: Antioxidant in foodstuffs
Physical Description: Cryst. (MeOH/petrol)
Melting Point: Mp 79-81°. Mp 132-134°

>>Derivative: Chloride

Synonym(s): Aminoacetyl chloride, 9Cl. Glycyl chloride

CAS Registry Number: 4746-64-9
Molecular Formula: C₂H₄ClNO
Molecular Weight: 93.512
Accurate Mass: 92.998141
Percentage Composition: C 25.69%; H 4.31%; Cl 37.91%; N 14.98%; O 17.11%
Physical Description: Cryst. (acetyl chloride) (as hydrochloride)

>>Derivative: Amide

>>Derivative: Anilide

Synonym(s): Glycinanilide

CAS Registry Number: 555-48-6
Molecular Formula: C₈H₁₀N₂O
Molecular Weight: 150.18
Accurate Mass: 150.079313
Percentage Composition: C 63.98%; H 6.71%; N 18.65%; O 10.65%
Physical Description: Needles + 2H₂O (H₂O)
Melting Point: Mp 62°