



>>Entry Name: 2-Aminoacetamide, 9CI
Synonym(s): Glycine amide. Glycinamide

CAS Registry Number: 598-41-4
 $\text{H}_2\text{NCH}_2\text{CO}^\alpha\text{NH}_2$

Molecular Formula: $\text{C}_2\text{H}_6\text{N}_2\text{O}$
Molecular Weight: 74.082
Accurate Mass: 74.048013
Percentage Composition: C 32.43%; H 8.16%; N 37.81%; O 21.60%
Physical Description: Needles
Melting Point: Mp 65-67°
Solubility: Sol. H_2O , EtOH; spar. sol. Et_2O , C_6H_6
pKa Value: $\text{p}K_a$ 7.95 (25°)
Other Data: Strongly alkaline. Absorbs CO_2 from air

>>Derivative: Hydrochloride

CAS Registry Number: 1668-10-6
Melting Point: Mp 207-208°
Aldrich: G610-4
Fluka: 50070
Sigma: G7378

>>Derivative: N^α -Formyl

Molecular Formula: $\text{C}_3\text{H}_6\text{N}_2\text{O}_2$
Molecular Weight: 102.093
Accurate Mass: 102.042928
Percentage Composition: C 35.29%; H 5.92%; N 27.44%; O 31.34%
Use/Importance: Intermed. in purine biosynthesis
Physical Description: Amorph.

>>Derivative: N^α -(2,6-Dimethylphenyl)

References: