>>**Entry Name: (*N*-Phenylacetyl)glycine,** 9CI
Synonym(s): Phenacetylglycine. Phenaceturic acid

CAS Registry Number: 500-98-1

$PhCH_2CONHCH_2COOH$

Molecular Formula: $C_{10}H_{11}NO_3$
Molecular Weight: 193.202
Accurate Mass: 193.073894
Percentage Composition: C 62.17%; H 5.74%; N 7.25%; O 24.84%
Biological Source: Metab. found in urine of many spp. of animals and birds
Physical Description: Leaflets (EtOH)
Melting Point: Mp 143°

Rare Chemicals Library: S63306-2

>>**Derivative:** Me ester

CAS Registry Number: 5259-87-0
Molecular Formula: $C_{11}H_{13}NO_3$
Molecular Weight: 207.229
Accurate Mass: 207.089544
Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 86.5°

>>**Derivative:** Et ester

CAS Registry Number: 4838-35-1
Molecular Formula: $C_{12}H_{15}NO_3$
Molecular Weight: 221.255
Accurate Mass: 221.105194
Percentage Composition: C 65.14%; H 6.83%; N 6.33%; O 21.69%
Physical Description: Prisms (EtOH)
Melting Point: Mp 82°

>>**Derivative:** Ph ester

Molecular Formula: $C_{16}H_{15}NO_3$
Molecular Weight: 269.299
Accurate Mass: 269.105194
Percentage Composition: C 71.36%; H 5.61%; N 5.20%; O 17.82%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 132-133°

>>**Derivative:** Benzyl ester

Molecular Formula: $C_{17}H_{17}NO_3$
Molecular Weight: 283.326
Accurate Mass: 283.120844
Percentage Composition: C 72.07%; H 6.05%; N 4.94%; O 16.94%
Physical Description: Needles (petrol/$CHCl_3$)
Melting Point: Mp 94.5-95°

>>**Derivative:** Amide

Molecular Formula: $C_{10}H_{12}N_2O_2$
Molecular Weight: 192.217
Accurate Mass: 192.089878
Percentage Composition: C 62.49%; H 6.29%; N 14.57%; O 16.65%
Physical Description: Plates (EtOH aq.)
Melting Point: Mp 176-177°