>>**Entry Name:** ***N*-γ-Glutamylglycine**

$HOOCCH(NH_2)CH_2CH_2CONHCH_2COOH$

Molecular Formula: $C_7H_{12}N_2O_5$
Molecular Weight: 204.182
Accurate Mass: 204.074623
Percentage Composition: C 41.18%; H 5.92%; N 13.72%; O 39.18%

>>**Variant:** D-form

CAS Registry Number: 6729-55-1
Molecular Formula: $C_7H_{12}N_2O_5$
Molecular Weight: 204.182
Accurate Mass: 204.074623
Percentage Composition: C 41.18%; H 5.92%; N 13.72%; O 39.18%
Physical Description: Cryst. (H_2O/EtOH/Et_2O)
Melting Point: Mp 177.5-178.5°
Other Data: Cont. some water of crystallisation

>>**Variant:** L-form

CAS Registry Number: 1948-29-4
Molecular Formula: $C_7H_{12}N_2O_5$
Molecular Weight: 204.182
Accurate Mass: 204.074623
Percentage Composition: C 41.18%; H 5.92%; N 13.72%; O 39.18%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 200 dec. (191-192°°
Optical Rotation: $[\alpha]_D^{20}$+10.4 (c, 1.154 in H_2O)

>>**Derivative:** *N*-Benzyloxycarbonyl

Physical Description: Cryst. (Et_2O/petrol)
Melting Point: Mp 158°

References:

Rudinger, J *et al.*, *Coll. Czech. Chem. Comm.*, 1954, **19**, 375-386; 386-391, *(synth)*
Taschner, E. *et al.*, *Annalen*, 1961, **646**, 127-133, *(N-benzyloxycarbonyl)*
Losse, G. *et al.*, *Chem. Ber.*, 1963, **96**, 204-212, *(synth)*
Kusumoto, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1979, **52**, 1665-1671, *(D-form)*