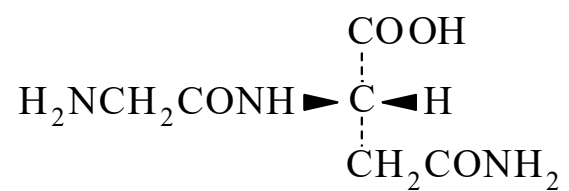




>>Entry Name: *N*²-Glycylasparagine



Molecular Formula: C₆H₁₁N₃O₄

Molecular Weight: 189.171

Accurate Mass: 189.074957

Percentage Composition: C 38.10%; H 5.86%; N 22.21%; O 33.83%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 1999-33-3

Molecular Formula: C₆H₁₁N₃O₄

Molecular Weight: 189.171

Accurate Mass: 189.074957

Percentage Composition: C 38.10%; H 5.86%; N 22.21%; O 33.83%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 216 dec.°

Optical Rotation: [α]_D²⁰ −6.4 (H₂O)

Solubility: Sol. H₂O, spar. sol. EtOH

pKa Value: p*K*_{a2} 8.3 (25°)

Sigma: G0627

>>Derivative: Lactam

Synonym(s): (Hexahydro-3,6-dioxopyrazin-2-yl)acetamide

Molecular Formula: C₆H₉N₃O₃

Molecular Weight: 171.155

Accurate Mass: 171.064392

Percentage Composition: C 42.11%; H 5.30%; N 24.55%; O 28.04%

Melting Point: Mp 274 dec.°

References:

Fischer, E. *et al.*, *Ber.*, 1904, **37**, 4587, (*synth*)

Patton, W. *et al.*, *Aust. J. Chem.*, 1969, **22**, 2709