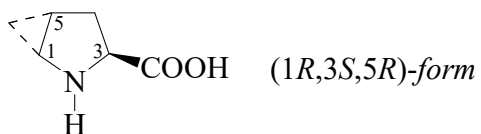




>>Entry Name: 2-Azabicyclo[3.1.0]hexane-3-carboxylic acid, 9CI

Synonym(s): 4,5-Methanoproline



CAS Registry Number: 97277-23-1

Extra CAS Registry Numbers(s): 97250-96-9 97277-15-1

Molecular Formula: C₆H₉NO₂

Molecular Weight: 127.143

Accurate Mass: 127.063329

Percentage Composition: C 56.68%; H 7.13%; N 11.02%; O 25.17%

>>Variant: (1R,3S,5R)-form

Molecular Formula: C₆H₉NO₂

Molecular Weight: 127.143

Accurate Mass: 127.063329

Percentage Composition: C 56.68%; H 7.13%; N 11.02%; O 25.17%

>>Derivative: *N*-tert-Butyloxycarbonyl

CAS Registry Number: 197142-34-0

Molecular Formula: C₁₁H₁₇NO₄

Molecular Weight: 227.26

Accurate Mass: 227.115759

Percentage Composition: C 58.14%; H 7.54%; N 6.16%; O 28.16%

Melting Point: Mp 133-134°

Optical Rotation: [α]_D -200 (c, 1.0 in CHCl₃)

>>Variant: (1S,3S,5S)-form

Molecular Formula: C₆H₉NO₂

Molecular Weight: 127.143

Accurate Mass: 127.063329

Percentage Composition: C 56.68%; H 7.13%; N 11.02%; O 25.17%

>>Derivative: *N*-tert-Butyloxycarbonyl

CAS Registry Number: 197142-36-2

Melting Point: Mp 128-129°

Optical Rotation: [α]_D -9.7 (c, 1.0 in CHCl₃)

References:

Hanessian, S. *et al.*, *Angew. Chem., Int. Ed.*, 1997, **36**, 1881-1884, (*synth, cryst struct*)