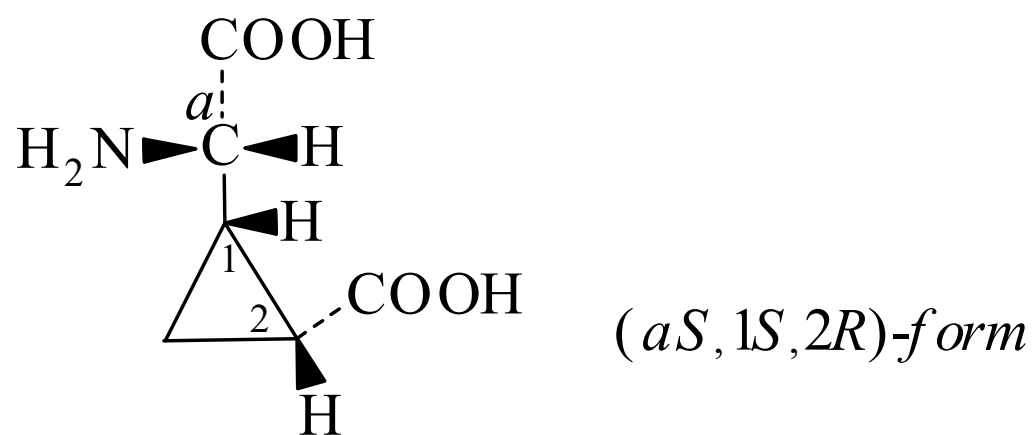




>>Entry Name: α -Amino-2-carboxycyclopropaneacetic acid, 8Cl
Synonym(s): 2-(Carboxycyclopropyl)glycine. 3,4-Methanoglutamic acid



Related CAS Registry Numbers(s): 22255-17-0 22255-18-1

Molecular Formula: $C_6H_9NO_4$
Molecular Weight: 159.141
Accurate Mass: 159.053159
Percentage Composition: C 45.28%; H 5.70%; N 8.80%; O 40.21%
Biological Use/Importance: Metabotropic glutamate receptor agonist

>>Variant: ($\alpha S, 1S, 2R$)-form
Synonym(s): L-*cis*-form

CAS Registry Number: 117857-95-1

Molecular Formula: $C_6H_9NO_4$
Molecular Weight: 159.141
Accurate Mass: 159.053159
Percentage Composition: C 45.28%; H 5.70%; N 8.80%; O 40.21%

Physical Description: Cryst. (EtOH/Me₂CO/H₂O)
Optical Rotation: $[\alpha]_D^{20} +25$ (c, 1 in H₂O). $[\alpha]_D +58$ (c, 0.5 in 5M HCl)
Sigma: C1585

>>Variant: ($\alpha S, 1S, 2S$)-form
Synonym(s): L-*trans*-form. L-CCG-I

CAS Registry Number: 117857-93-9

Molecular Formula: $C_6H_9NO_4$
Molecular Weight: 159.141
Accurate Mass: 159.053159
Percentage Composition: C 45.28%; H 5.70%; N 8.80%; O 40.21%

Physical Description: Cryst.
Optical Rotation: $[\alpha]_D^{20} +107$ (c, 2 in H₂O). $[\alpha]_D +146$ (c, 1 in 5M HCl)
Other Data: Pharmacol. active isomer
Sigma: C1710

>>Variant: ($\alpha S, 1R, 2S$)-form

CAS Registry Number: 117857-96-2

Molecular Formula: $C_6H_9NO_4$
Molecular Weight: 159.141
Accurate Mass: 159.053159
Percentage Composition: C 45.28%; H 5.70%; N 8.80%; O 40.21%
Biological Source: Constit. of *Ephedra altissima* and *Ephedra foeminea*

References: