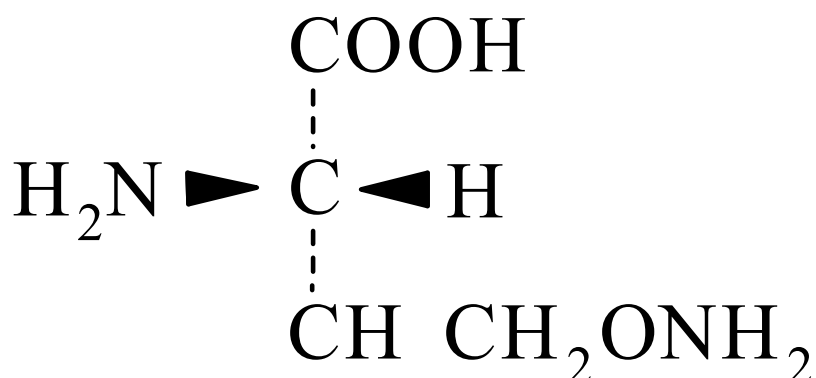




>>Entry Name: 2-Amino-4-(aminooxy)butanoic acid, 8CI

ENTRY UNDER REVIEW

Synonym(s): O-Aminohomoserine, 9CI. Canaline



(S)-form

Molecular Formula: C₄H₁₀N₂O₃

Molecular Weight: 134.135

Accurate Mass: 134.069143

Percentage Composition: C 35.82%; H 7.51%; N 20.88%; O 35.78%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 496-93-5

Molecular Formula: C₄H₁₀N₂O₃

Molecular Weight: 134.135

Accurate Mass: 134.069143

Percentage Composition: C 35.82%; H 7.51%; N 20.88%; O 35.78%

Use/Importance: Potent inhibitor of pyridoxal phosphate-containing enzymes

Physical Description: Needles (EtOH)

Melting Point: Mp 214 dec.°

Optical Rotation: $[\alpha]_{\text{D}}^{21} -8.31$

Sigma: C4136

>>Derivative: Hydrochloride (1:2)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 166 dec.°