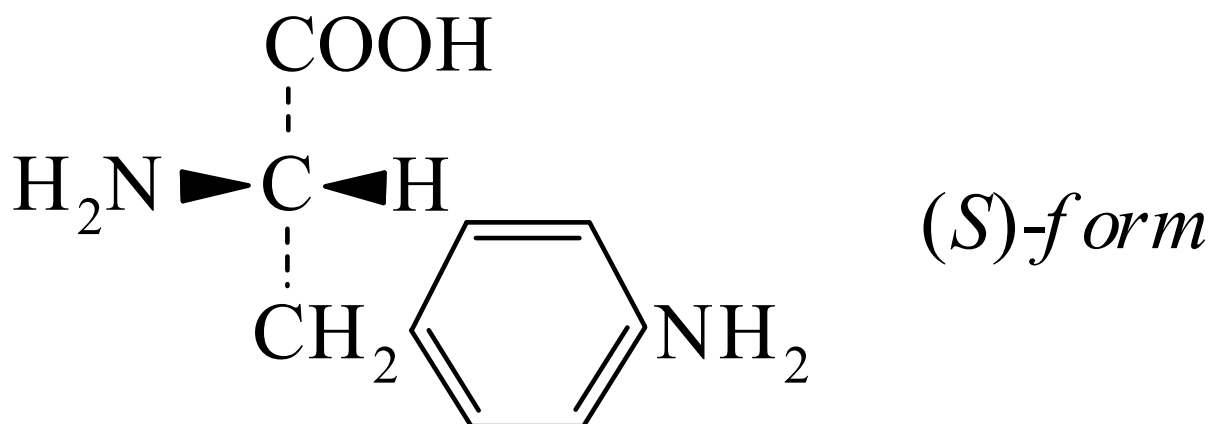




>>Entry Name: 2-Amino-3-(4-aminophenyl)propanoic acid

Synonym(s): α ,4-Diaminobenzenepropanoic acid. 4-Aminophenylalanine, 9CI



Molecular Formula: C₉H₁₂N₂O₂

Molecular Weight: 180.206

Accurate Mass: 180.089878

Percentage Composition: C 59.99%; H 6.71%; N 15.55%; O 17.76%

>>Variant: (*R*)-form

CAS Registry Number: 102281-45-8

Molecular Formula: C₉H₁₂N₂O₂

Molecular Weight: 180.206

Accurate Mass: 180.089878

Percentage Composition: C 59.99%; H 6.71%; N 15.55%; O 17.76%

Melting Point: Mp 245-248°. Mp 268-270°

Optical Rotation: $[\alpha]_D^{20} +37$ (c, 2 in H₂O)

Aldrich: 34824-4

Sigma: A8279

>>Variant: (*S*)-form

Synonym(s): L-form

CAS Registry Number: 943-80-6

Molecular Formula: C₉H₁₂N₂O₂

Molecular Weight: 180.206

Accurate Mass: 180.089878

Percentage Composition: C 59.99%; H 6.71%; N 15.55%; O 17.76%

Biological Source: Constit. of *Vigina vexillata*

Physical Description: Needles (H₂O)

Melting Point: Mp 260-264 dec.°

Optical Rotation: $[\alpha]_0 +28$ (c, 0.3 in 1*N* HCl)