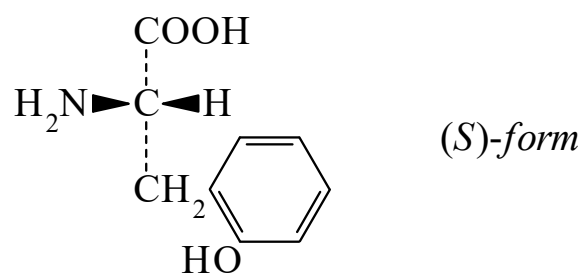




>>Entry Name: 2-Amino-3-(2-hydroxyphenyl)propanoic acid

Synonym(s): 2-Hydroxyphenylalanine, 9Cl. *o*-Tyrosine



CAS Registry Number: 709-16-0

Related CAS Registry Numbers(s): 24008-77-3

Molecular Formula: C₉H₁₁NO₃

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Source/Synthesis: Minor hydroxylation prod. of Phenylalanine [JVC81-S](#) *in vivo*

>>Variant: (*S*)-form

Synonym(s): L-form

CAS Registry Number: 7423-92-9

Molecular Formula: C₉H₁₁NO₃

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Use/Importance: Occurs naturally. Metab. of Tyrosine [BCN92-M](#)

>>Variant: (±)-form

CAS Registry Number: 2370-61-8

Molecular Formula: C₉H₁₁NO₃

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Physical Description: Needles (H₂O), plates (EtOH aq.)

Melting Point: Mp 249-250°

Solubility: V. spar. sol. H₂O, sol. warm AcOH, insol. Et₂O

Rare Chemicals Library: S44610-6

Sigma: T3504

>>Derivative: Hydrochloride

CAS Registry Number: 62765-45-1

Physical Description: Prisms

Melting Point: Mp 180 dec.°

>>Derivative: Me ester

Molecular Formula: C₁₀H₁₃NO₃

Molecular Weight: 195.218

Accurate Mass: 195.089544

Percentage Composition: C 61.53%; H 6.71%; N 7.17%; O 24.59%

Physical Description: Needles (H₂O)

Melting Point: Mp 206 dec.°

>>Derivative: Me ester; hydrochloride

CAS Registry Number: 67320-70-1

Melting Point: Mp 179°