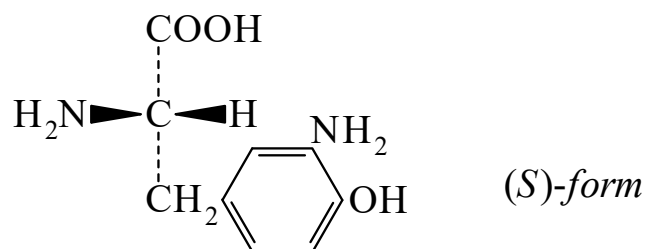




>>Entry Name: 2-Amino-3-(3-amino-4-hydroxyphenyl)propanoic acid)

Synonym(s): 3-Aminotyrosine, 9Cl, 8Cl



Related CAS Registry Numbers(s): 3387-86-8

Molecular Formula: $C_9H_{12}N_2O_3$

Molecular Weight: 196.205

Accurate Mass: 196.084793

Percentage Composition: C 55.09%; H 6.16%; N 14.28%; O 24.46%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 300-34-5

Molecular Formula: $C_9H_{12}N_2O_3$

Molecular Weight: 196.205

Accurate Mass: 196.084793

Percentage Composition: C 55.09%; H 6.16%; N 14.28%; O 24.46%

Melting Point: Mp 287.5°

Optical Rotation: $[\alpha]_D^{15} -3.6$ (c, 4 in HCl)

>>Derivative: Hydrochloride (1:2), hydrate

CAS Registry Number: 23279-22-3

Melting Point: Mp 175 dec.°

Optical Rotation: $[\alpha]_D^{22} -1.6$ (c, 2 in H_2O)

Aldrich: 13549-6

Sigma: A9383

>>Variant: (±)-form

CAS Registry Number: 16246-71-2

Molecular Formula: $C_9H_{12}N_2O_3$

Molecular Weight: 196.205

Accurate Mass: 196.084793

Percentage Composition: C 55.09%; H 6.16%; N 14.28%; O 24.46%

Physical Description: Cryst. (H_2O)

Melting Point: Mp 288 dec.°

References:

Waser, E. *et al.*, *Helv. Chim. Acta*, 1921, **4**, 661, (*synth*)

Harrington, C.R. *et al.*, *Biochem. J.*, 1944, **38**, 320, (*synth*)

Dall'Asta, L., *Helv. Chim. Acta*, 1962, **45**, 1065, (*synth, derivs*)