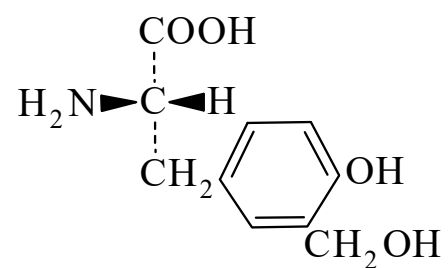




>>Entry Name: 2-Amino-3-[4-hydroxy-3-(hydroxymethyl)phenyl]propanoic acid

Synonym(s): 3-(Hydroxymethyl)tyrosine, 9Cl. 4-Hydroxy-3-(hydroxymethyl)phenylalanine



Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 41679-15-6

Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Biological Source: Isol. from *Caesalpinia tinctoria* seeds

Melting Point: Mp 300°

Optical Rotation: $[\alpha]_{\text{D}}^{24} -9.2$ (c, 0.38 in 1M HCl). $[\alpha]_{\text{D}}^{20} -36$ (c, 1 in H₂O)

References:

Watson, R. *et al.*, *Phytochemistry*, 1973, **12**, 617, (*isol*)

Atkinson, M. *et al.*, *J. Med. Chem.*, 1974, **17**, 248, (*synth*)