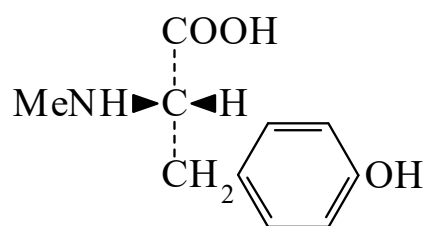




>>Entry Name: *N*-Methyltyrosine, 9Cl

Synonym(s): 3-(4-Hydroxyphenyl)-2-(methylamino)propanoic acid. Ratanhin. Geoffroyin. **Angelin**†. Andirin. Surinamine



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%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 537-49-5

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

Melting Point: Mp 257°

Optical Rotation: [α]_D²³+16 (c, 0.42 in 1M HCl). [α]_D +31.45 (c, 0.42 in 1M NaOH)

Other Data: Dec. at 280°

>>Derivative: Me ester

Molecular Formula: C₁₁H₁₅NO₃

Molecular Weight: 209.244

Accurate Mass: 209.105194

Percentage Composition: C 63.14%; H 7.23%; N 6.69%; O 22.94%

Melting Point: Mp 116-117°

>>Variant: (±)-form

CAS Registry Number: 19897-63-3

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

Melting Point: Mp 318 dec.°

References:

Ebata, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1966, **39**, 2535, (*synth*)

Mwauluka, K. *et al.*, *Phytochemistry*, 1975, **14**, 1657, (*occur, isol, pmr, cmr*)