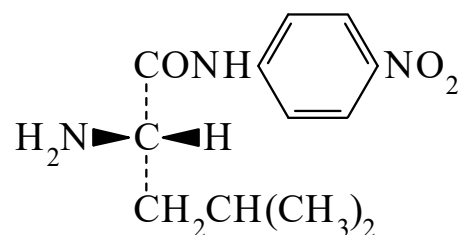




>>Entry Name: Leucyl-*p*-nitroanilide

Synonym(s): 2-Amino-4-methyl-*N*-(4-nitrophenyl)pentanamide, 9Cl. 2-Amino-4-methyl-4'-nitrovaleranalide



Molecular Formula: C₁₂H₁₇N₃O₃

Molecular Weight: 251.285

Accurate Mass: 251.126992

Percentage Composition: C 57.36%; H 6.82%; N 16.72%; O 19.10%

>>Variant: *S*-form

Synonym(s): L-form

CAS Registry Number: 4178-93-2

Molecular Formula: C₁₂H₁₇N₃O₃

Molecular Weight: 251.285

Accurate Mass: 251.126992

Percentage Composition: C 57.36%; H 6.82%; N 16.72%; O 19.10%

Use/Importance: Substrate for leucine aminopeptidase and bromelin

Aldrich: 36020-1

Fluka: 61910

Sigma: L9125

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1197B, (*nmr*)

Wachsmuth, E.D. *et al.*, *Biochemistry*, 1966, **2**, 169, (*use*)

Hennrich, N. *et al.*, *FEBS Lett.*, 1969, **2**, 278, (*use*)