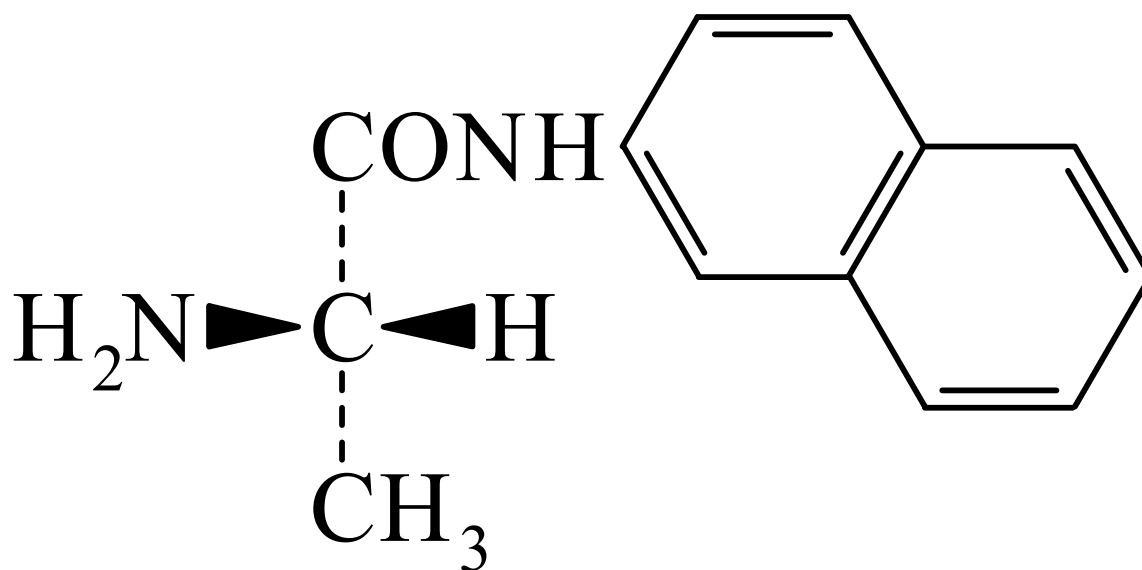




>>Entry Name: 2-Amino-N-2-naphthalenylpropanamide, 9CI

Synonym(s): Alanine β -naphthylamide



Related CAS Registry Numbers(s): 2149-46-4 20723-89-1

Molecular Formula: $C_{13}H_{14}N_2O$

Molecular Weight: 214.266

Accurate Mass: 214.110613

Percentage Composition: C 72.87%; H 6.59%; N 13.07%; O 7.47%

>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 720-82-1

Molecular Formula: $C_{13}H_{14}N_2O$

Molecular Weight: 214.266

Accurate Mass: 214.110613

Percentage Composition: C 72.87%; H 6.59%; N 13.07%; O 7.47%

Use/Importance: Used for photometric detn. of aminopeptidase. Derivatisation reagent for hplc resolution of carboxylic acid enantiomers

Physical Description: Cryst. (petrol)

Melting Point: Mp 99-100°

Sigma: A2628

References:

Gomori, G., *Proc. Soc. Exp. Biol. Med.*, 1954, **87**, 559, (synth, use)

Goldstein, T.P. *et al.*, *J. Med. Pharm. Chem.*, 1962, **5**, 852, (synth)

Fujimoto, Y. *et al.*, *J. Chromatogr.*, 1987, **402**, 344, (use)