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(54) Title: Na-2-(4-NITROPHENYLSULFONYL)ETHOXYCARBONYL-AMINO ACIDS**(57) Abstract**

Protected amino acid derivatives of general formula (I) wherein R₁ represents hydrogen atom, and R₂ represents hydrogen, methyl, isopropyl, 1-methylpropyl, 2-methylpropyl, tert-butoxymethyl, 1-tert-butoxyethyl, 2-methylthioethyl, benzyl, carboxamidomethyl, 2-carboxamidomethyl, tert-butoxycarbonylmethyl, 2-(tert-butoxycarbonyl)ethyl, 4-(tert-butoxycarbonyl)butyl, 4-tert-butoxybenzyl, indolyl-3-methyl, S(triphenylmethyl)thiomethyl, 1-(triphenylmethyl)imidazolyl-4-methyl, 3-(N^o-mesitylenesulfonyl)guanidinopropyl, N-xanthylcarboxamidomethyl, 2-(N-xanthylcarboxamido)ethyl or S-(acetamidomethyl)thiomethyl; or R₁ and R₂ together represent propylene radical. Methods for the preparation of said derivatives are provided, and a process for solid phase peptide synthesis using said derivatives is described.

