

Thematic Division: Peptide Synthesis. Part 1.

Obtaining new antiviral preparations of peptide nature

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Keywords: *peptides, adamantane, antiviral activity.*

Abstract

Some oligopeptides containing a fragment of adamantane molecule have been synthesized. Amides of some baseline peptides (H-Gly-NH₂, H-Gly-Pro-Gly-NH₂) originally had anti-HIV activity. Modified adamantane oligopeptides should enhance antiviral activity by increasing the molecule lipophilicity and consequently increasing its affinity to cell membranes.