

Synthesis and HPLC-Analysis of N-(2-Phenyl-cyclopropyl)-Substituted Chain Elongated Nucleoside Analogues

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A novel class of nucleoside analogues containing adenine, uracil, thymine and 5-fluorouracil as the heterocyclic moieties have been prepared from 2-phenylcyclopropane carboxylic acid. These compounds showed weak antitumor activity. The resolution of the racemates on an analytical and semipreparative scale was performed by HPLC using chiral stationary phases.