

Hydroxycinnamic Acid Amides with Oxazole-Containing Amino Acid: Synthesis and Antioxidant Activity

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Three hydroxycinnamic acid derivatives conjugated with glycine-containing oxazole were synthesized. The prepared compounds were tested for their antioxidant activity using the 1,1-diphenyl-2-picrylhydrazyl (DPPH) test. Among the tested hydroxycinnamic acid amides the highest DPPH scavenging activity has been found for the sinapic acid amide.

Key words: Hydroxycinnamoyl Amides, Oxazole, Radical Scavenging Activity