Nitrogen-containing derivatives of oxybenzoic acids

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*Supervising author; ⁺Corresponding author Keywords: salicylic acid, n-oxybenzoic acid, N-substituted amides, glycine, gamma-aminobutyric acid (GABA), morpholine, psychotropic activity, acute toxicity, LD₅₀ anti-viral activity, cytotoxicity.

Abstract

Amides of oxybenzoic acids have been synthesized by N-acylation of amino acids and morpholine with oxybenzoyl chloride. Effect of conditions on yield has been monitored. The composition of synthesized products has been proved with ¹H NMR spectroscopy. The psychotropic and anti-viral activity, acute toxicity and cytotoxicity of synthesized compounds have been studied.