

Synthesis of Methyl 5(6)-(4-Aminophenoxy)- and 5(6)-(2-Aminophenoxy)-2-benzimidazolyl Carbamates and Their Biological Properties

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Abstract - A procedure was developed for preparation of methyl 5(6)-(4-aminophenoxy)- and 5(6)-(2-aminophenoxy)-2-benzimidazolyl carbamates by reaction of 3,4,4'-triaminodiphenyl or 3,4,2'-triaminodiphenyl ethers respectively with methyl cyanocarbamate in water solution in the presence of 7–10 molar excess of acetic acid. The helminthical properties, embryotoxicity, and overall toxicity of compounds obtained were estimated.