

Synthesis of sulfonamides based on thiophenyl-5-oxazole-2-carboxamides

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Abstract

We developed a method for producing sulfochlorides based on thiophenyl-5-oxazol-2-carboxamides, by reacting with chlorosulfonic acid and thionylchloride. Substitution position was established in sulphochlorination reaction was determined by NMR methods. Interaction of aliphatic and aromatic amines with sulfochlorides has been studied. The structure and purity of these compounds were checked by a set of physicochemical methods of analysis.