

Modified analysis 4-(7-cyclohepta-1,3,5-trienyl)aniline

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Abstract

Previously obtained that the interaction between aniline and tropylium tetrafluoroborate resulted in the production of 8-aryl-8-azaheptafulvene. When tetrafluoroborate was substituted for tropylium perchlorate the 4-(7-cyclohepta-1,3,5-trienyl)aniline was obtained. The 4-(7-cyclohepta-1,3,5-trienyl)aniline compound possess an antimicrobial activity against *Staphylococcus aureus*, *Staphylococcus epidermis*, *Staphylococcus saprophyticus*, *Escherichia coli*, and yeast-like fungi *Candida albicans*. An implementing method allowed to use inexplosive tropylium tetrafluoroborate and methanol or ethanol instead of tetrahydrofuran as solvent.

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