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4'-alkylsalicylanilide with non branched aliphatic chain and the corresponding derivatives of benzoxazindiones

On the basis previous results 7 4'-alkylsalicylanilides and 7 3-(4-alkylphenyl)-1,3-benzoxazine-2,4-(3H)diones were synthesised. Salicylanilide were prepared by reaction of substituted salicylic acid with aniline substituted in position 4 by ethyl or butyl. Prepared compounds could be use as potential antituberculotic drugs.

The compounds were tested for in vitro antimycobacterial activity against *Mycobacterium tuberculosis*, *M.kansasii* and *M.avium*. All of prepared compounds were less active than izoniazid against *M.tuberculosis*. The compounds were more active than izoniazid against *M.kansasii* and *M.avium*.