

Synthesis and Analgesic Properties of Some Azosalicylate Compounds

Abstract

Azo dyes are widely used colorants in consumer products such as leather, textiles, agriculture, cosmetics and in laboratories as indicators, and these type of compounds used recently in the pharmaceutical preparations. This paper describes the synthesis of some azo dyes derived from salicylic acid. The structure of the products was confirmed by IR, ¹H-NMR, ¹³C-NMR spectroscopy. The synthesized dyes were investigated for their analgesic properties using Swiss albino mice.