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## A Facile Method for Synthesis of Disubstituted Aminochromanols

Adriana L. FINARU<sup>a\*</sup>, Alexandru CASCAVAL<sup>b</sup>, Axel COUTURE<sup>c</sup> and  
Pierre GRANDCLAUDON<sup>c</sup>

<sup>a</sup>*Department of CTPA, University of Bacau, Bacau, 5500, Romania*

<sup>b</sup>*Department of Organic Chemistry, University of Iasi, Iasi 6600, Romania*

<sup>c</sup>*LCOP, UPRES-A 8009 2001, Université des Sciences et Technologie, Lille I, 59655 Villeneuve d'Ascq,  
France*

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**Abstract** The application of the Vilsmeier-Harnisch and Mannich-Werner reactions to some halogenated 2-hydroxyphenyl ketones has been investigated, in order to explore the possibilities of this reaction as a key step in the synthesis of chromone and chromanone derivative. The chemistry of chromanols and flavanols is of interest due to their biological activities [1]. Reduction of chroman-2-ones gives  $\gamma$ -(2-hydroxyphenyl)propyl alcohols, while reduction of the chroman-4-ones yields either chroman-4-ols, chromans, or both, depending on the reducing agent and the conditions.

**Keywords:** Mannich-Werner reactions, 2-hydroxyphenyl ketones, reduction, chroman-4-ols, biological activities.

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