

Synthesis of 2-((indolyl) methyl) indenediones using benzyl alcohols

Seyedeh Sara Mousavi*,

1,3-Indenedione and its derivatives have attracted great interest because of their importance in organic chemistry. Many products which contain the subunit of 1,3-indenedione exhibit diverse biological activity such as antibacteril, anticoagulants, rodenticidal, analgesic, pesticidal and herbicidal activities. A very valuable method for the synthesis of 1,3-indenedione is knovenagel condensation of benzaldehydes with active methylene compound . In this research, we report our experimental results on the synthesis of z-(indolyl)-indenedione using different benzyl alcohols, 1,3-indenedione and indole.

Keywords : Keywords: 1,3-indenedione, Knovenagel, Indole.

[Islamic Azad University, Rasht Branch - Thesis Database](#)
[دانشگاه آزاد اسلامی، واحد رشت - سامانه بانک اطلاعات پایان نامه ها](#)