

Facile, One Pot Synthesis of Indoloquinoxaline and its Derivatives Using Aqueous Orange Peel Extract at Room Temperature

Nitin A. Sasane¹, Gangadhar A. Meshram², Kirti S. Bhise², Bhushan B. Popatkar²

Department of Chemistry, University of Mumbai, Vidyanagari, Kalina, Santacruz (E), Mumbai, India^{1,3}

Department of Chemistry, Mahatma Phule Arts, Science and Commerce College, Panvel, Navi Mumbai, India²

Abstract: A current report expresses that Orange Peel Extract use as catalytic medium for the synthesis of Indoloquinoxaline derivatives from commercially available starting materials. Isatin and O-phenylenediamine in presence of fresh orange peel extract resulted into desired product at room temperature in a given reaction condition. Advantages of this method include greener and cleaner conditions, shorter reaction time, and good to moderate yield of products. A simple one-pot procedure has been developed for the synthesis of Indoloquinoxaline derivatives from readily available starting materials.

Keywords: Indoloquinoxaline, Quinoxaline, Orange Peel Extract, Cyclisation

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