

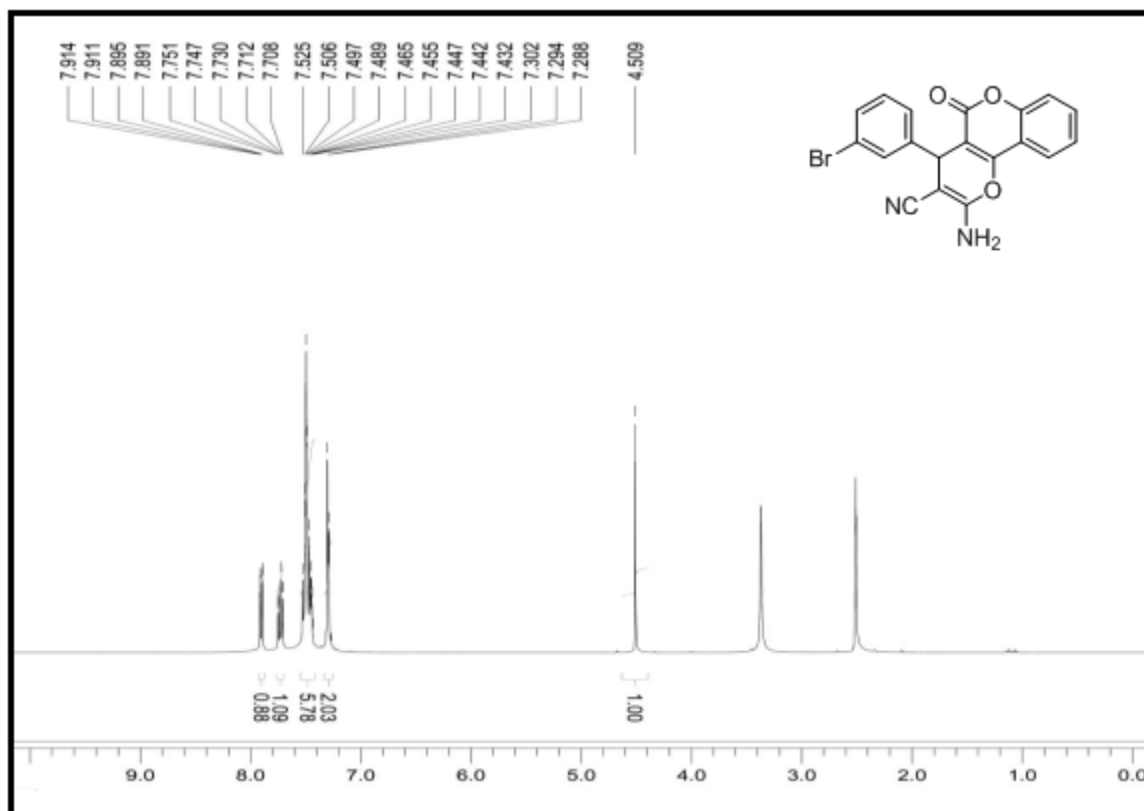
## Supporting Information

### Preparation and Characterization of Ionic Liquid Supported on Fe<sub>3</sub>O<sub>4</sub>-Lignin and Investigation of Its Catalytic Activity in the Synthesis of Dihydropyrano[3,2-*c*]chromene Derivatives

Majidreza Gerami and Mahnaz Farahi\*

Department of Chemistry, Yasouj University, P. O. Box 353, Yasouj 75918-74831, Iran

\*Corresponding author: E-mail: farahimb@yu.ac.ir



<sup>1</sup>H NMR spectrum of 2-amino-4-(3-bromophenyl)-5-oxo-4H,5H-pyrano[3,2-*c*]chromene-3-carbonitrile (**5b**).

