Supplementary information

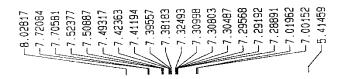
To support the manuscript submitted to the Journal of Sulfur Chemistry

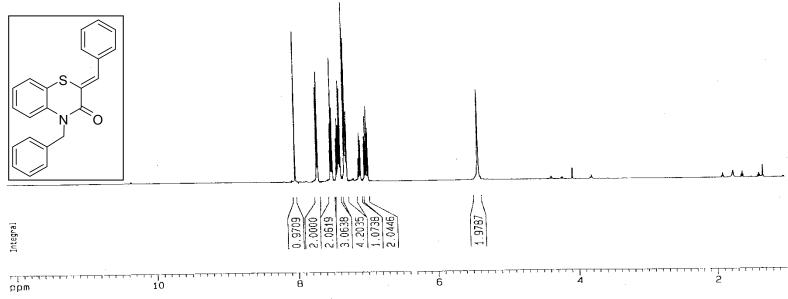
Synergistic promoting effect of ball milling and KF-alumina support as a green tool for solvent-free synthesis of 2-arylidene-benzothiazinones

Ali Sharifi, Mohammad Ansari, Hossein Reza Darabi, M. Saeed Abaee

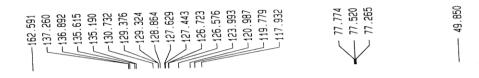
Department of Organic Chemistry and Natural Products, Chemistry and Chemical Engineering Research Center of Iran, Pajouhesh Blvd, 17th Km Tehran-Karaj Highway, P.O.Box 14335-186, Tehran, Iran

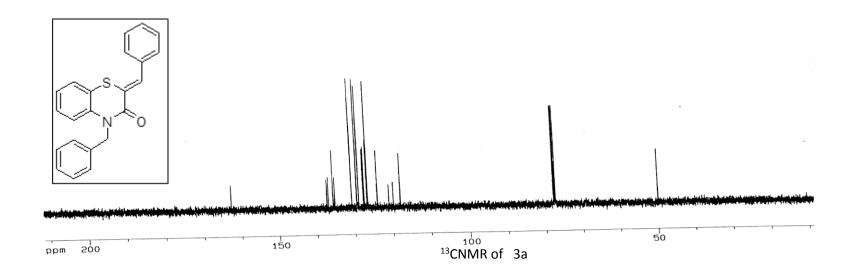
*Corresponding author. E-mail: sharifi@ccerci.ac.ir

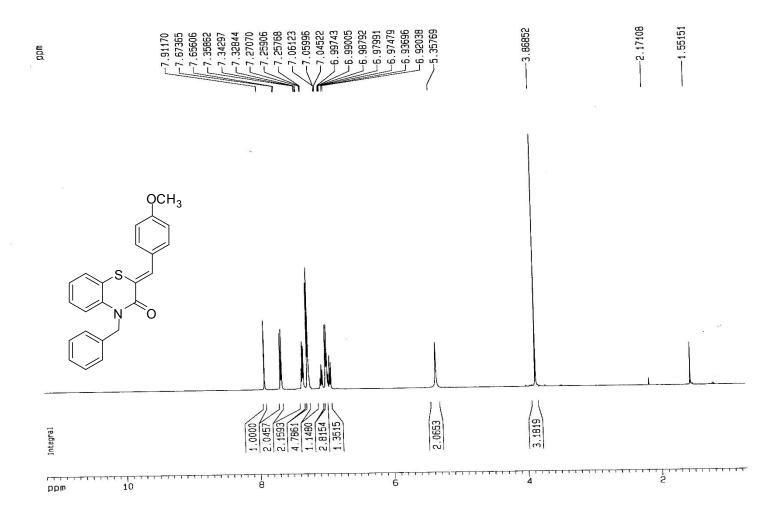




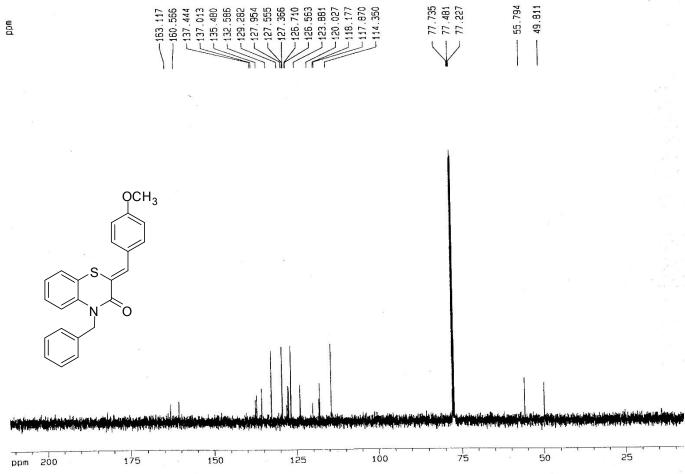
¹HNMR of 3a



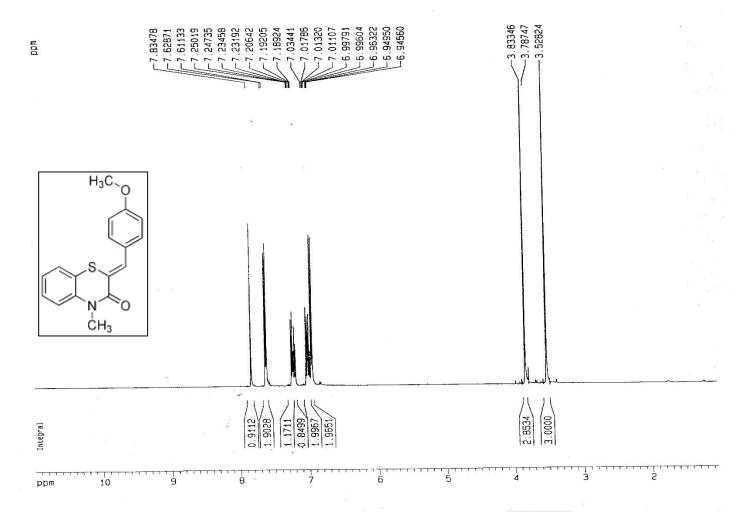




¹HNMR of 3b

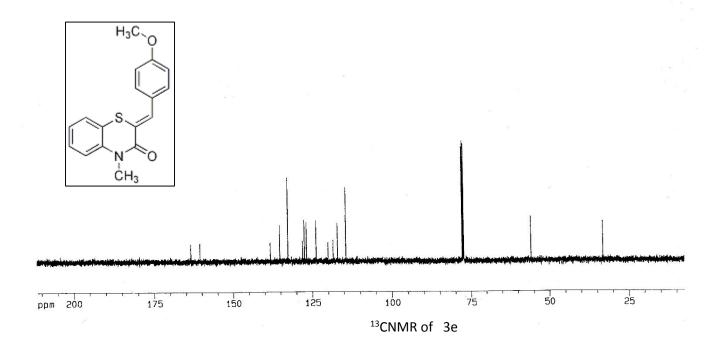


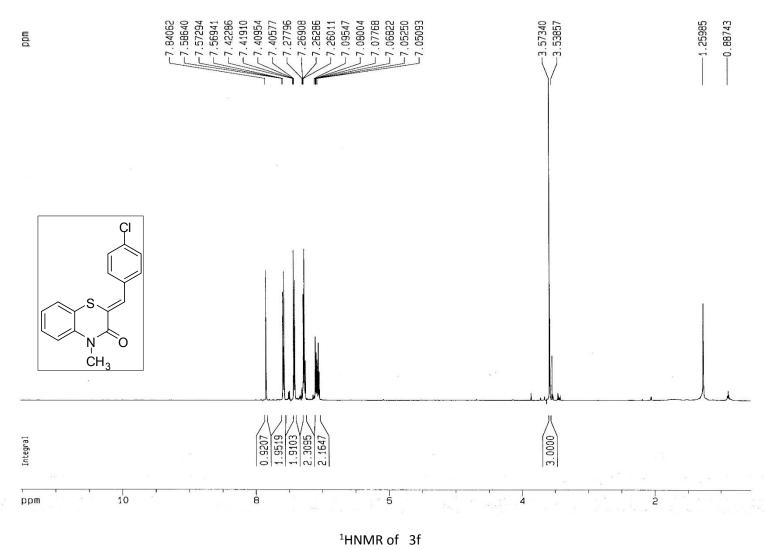
¹³CNMR of 3b

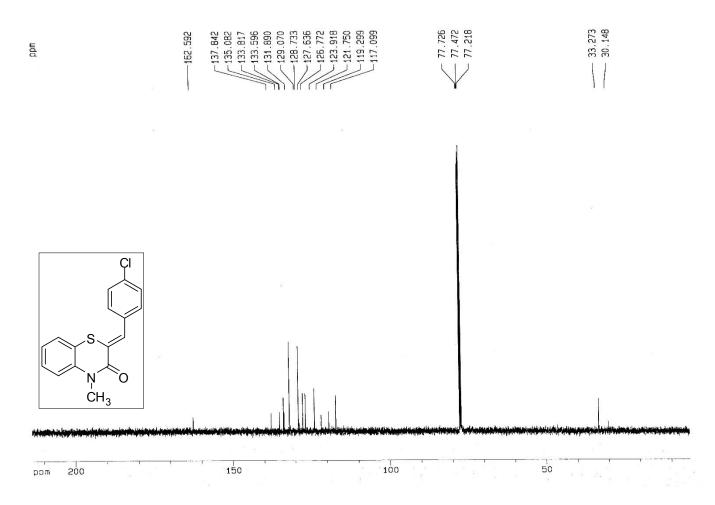


¹HNMR of 3e









¹³CNMR of 3f