

Triazolopyridopyrimidine: A New Scaffold for Dual-Target Small Molecules for Alzheimer's Disease Therapy

Lazhar Zribi ¹, Irene Pachòn-Angona ², Òscar M. Bautista-Aguilera ³, Daniel Diez-Iriepa ³, José Marco-Contelles ⁴, Lhassane Ismaili ^{2,*}, Isabel Iriepa ^{3,*} and Fakher Chabchoub ^{1,*}

¹ Laboratory of Applied Chemistry: Heterocycles, Lipids and Polymers, Faculty of Sciences of Sfax, University of Sfax. B. P 802. 3000 Sfax-Tunisia; zribi.lazhar@gmail.com

² Laboratoire de Chimie Organique et Thérapeutique, Neurosciences intégratives et cliniques EA 481, Univ. Bourgogne Franche-Comté, UFR Santé, 19, rue Ambroise Paré, F-25000 Besançon, France; pachon.angona.irene@gmail.com

³ Department of Organic Chemistry and Inorganic Chemistry, School Sciences, University of Alcalá, Ctra. Barcelona, Km. 33.6, 28871, Alcalá de Henares, Spain; oscar.bautista@uah.es (O.M.B.-A.); daniel.diezi@uah.es (D.D.-I.)

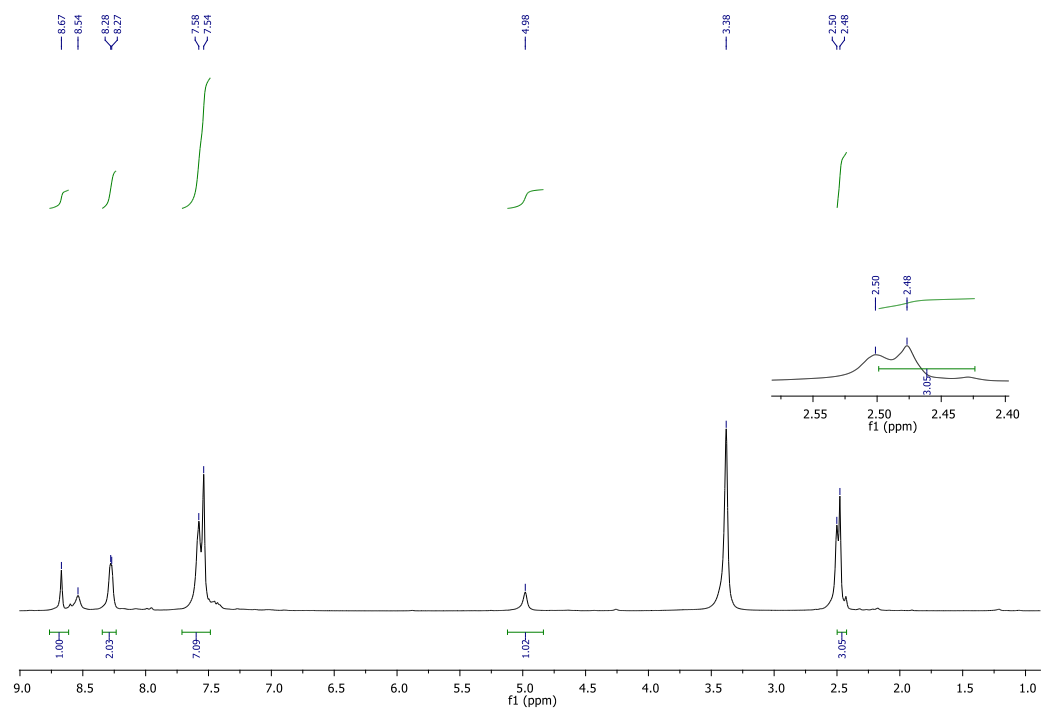
⁴ Laboratory of Medicinal Chemistry (IQOG, CSIC) C/Juan de la Cierva 3, 28006-Madrid, Spain; jlmarco@iqog.csic.es

* Correspondence: lhassane.ismaili@univ-fcomte.fr (L.I.); isabel.iriepa@uah.es (I.I.); fakher.chabchoub@yahoo.fr (F.C.)

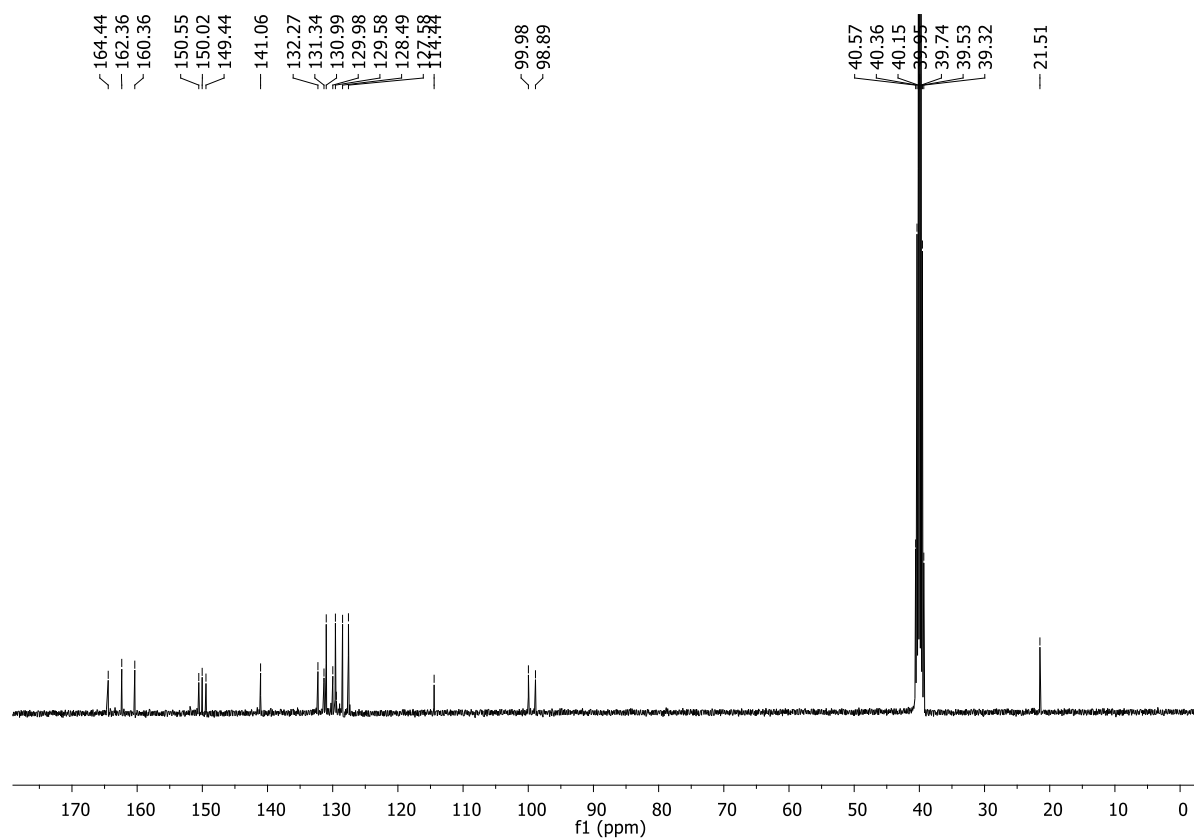
CONTENT

NMR spectra of compounds 3a-k	S2-S13
--	--------

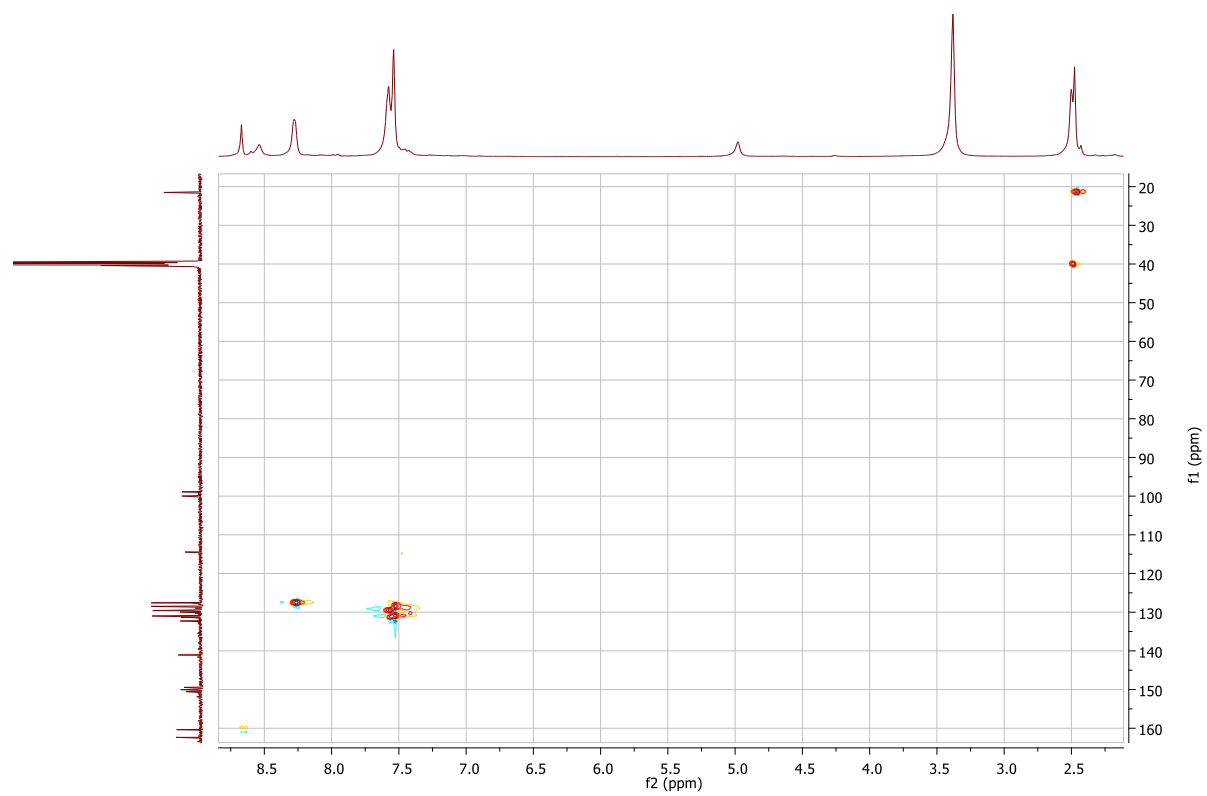
^1H NMR of compound **3a** (400 MHz, DMSO-d_6)



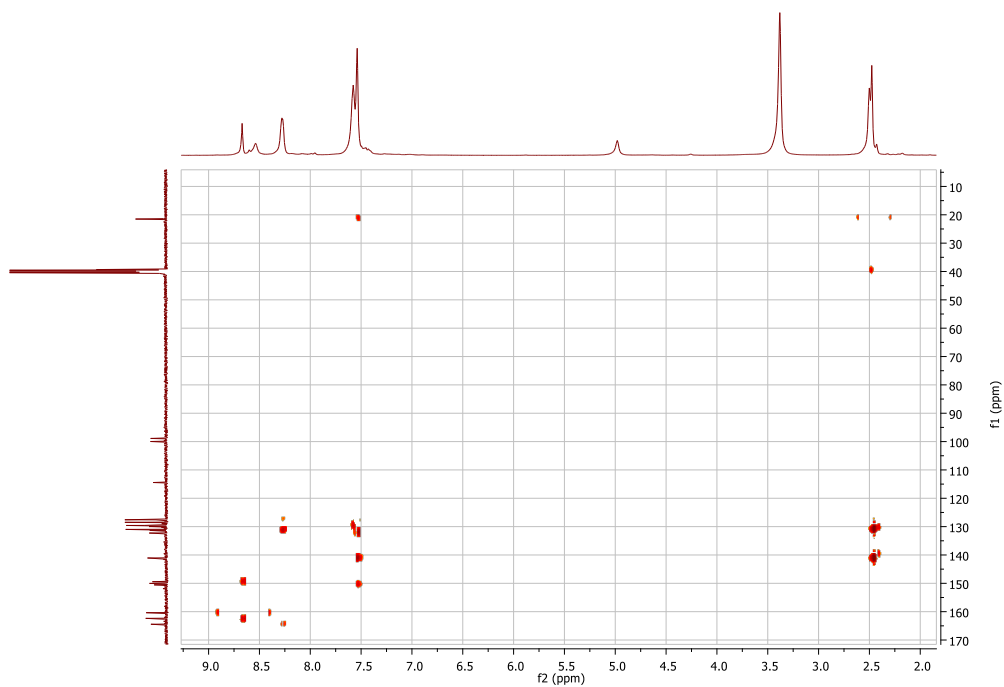
^{13}C NMR of compound **3a** (100 MHz, DMSO-d_6)



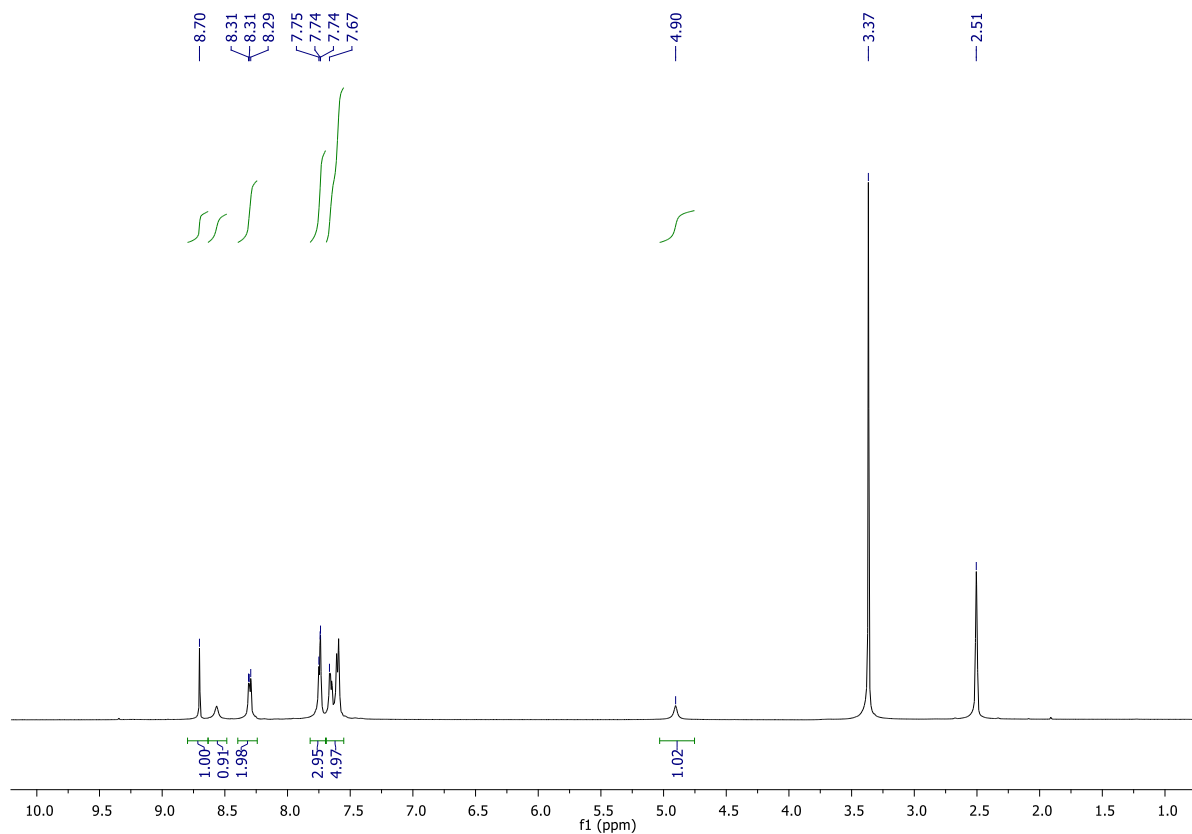
2D HSQC spectrum of compound **3a**



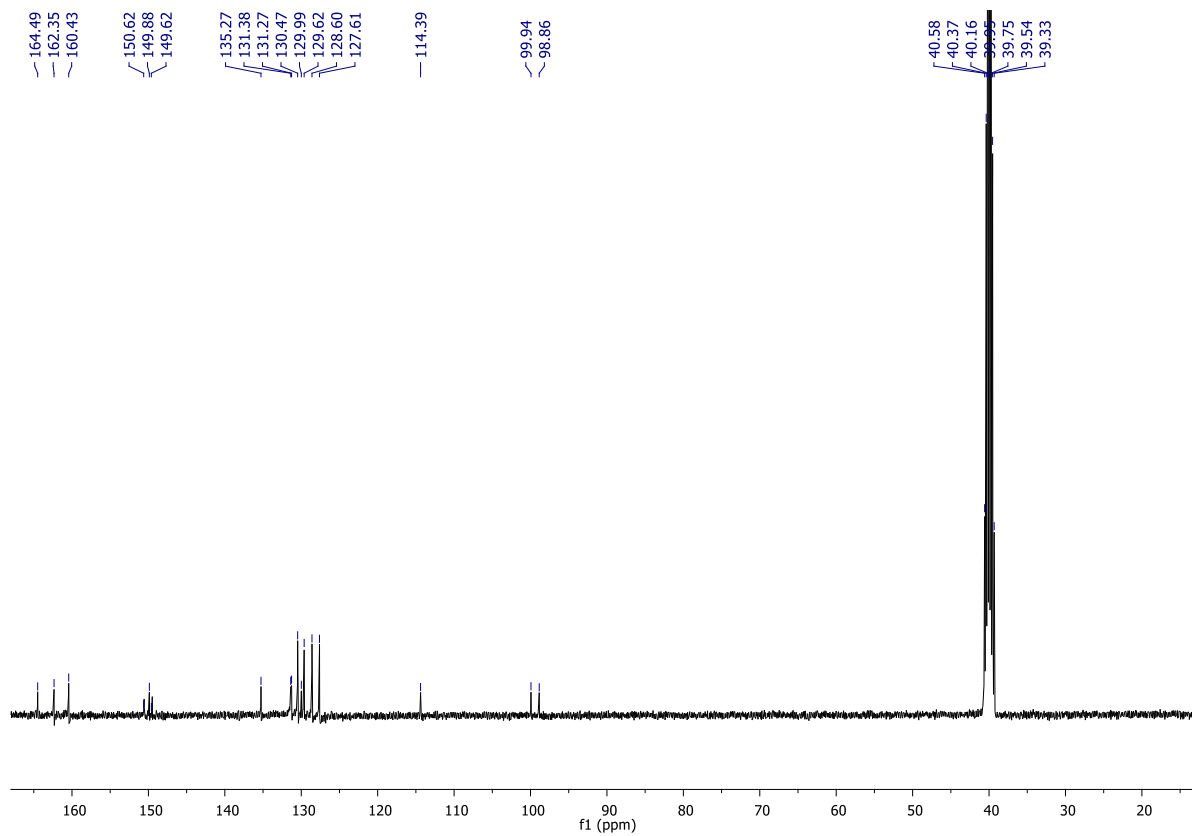
2D HMBC NMR spectrum of compound **3a**



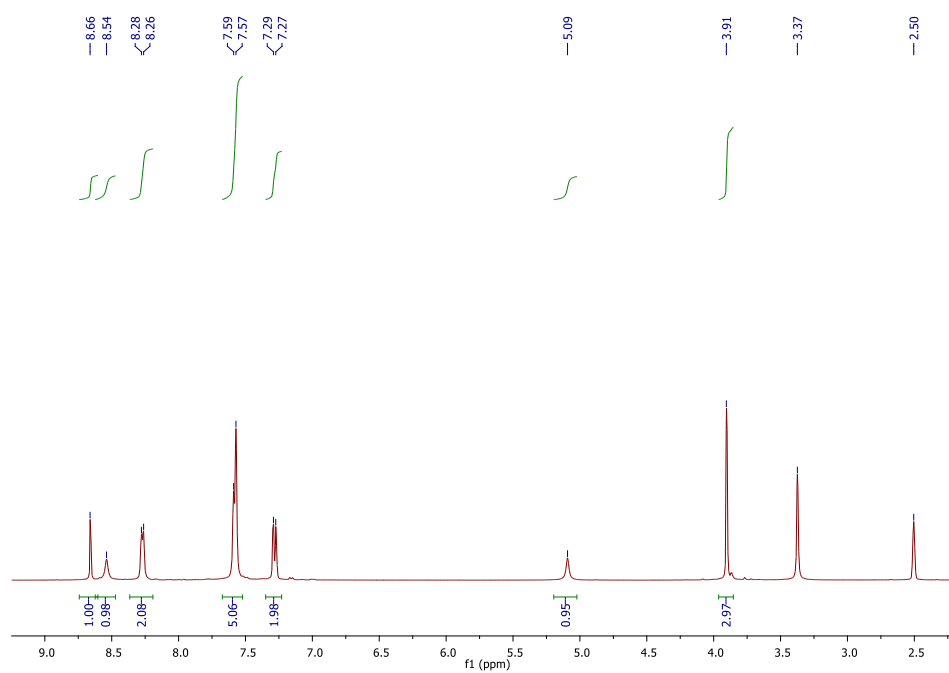
^1H NMR of compound **3b** (400 MHz, $\text{DMSO-}d_6$)



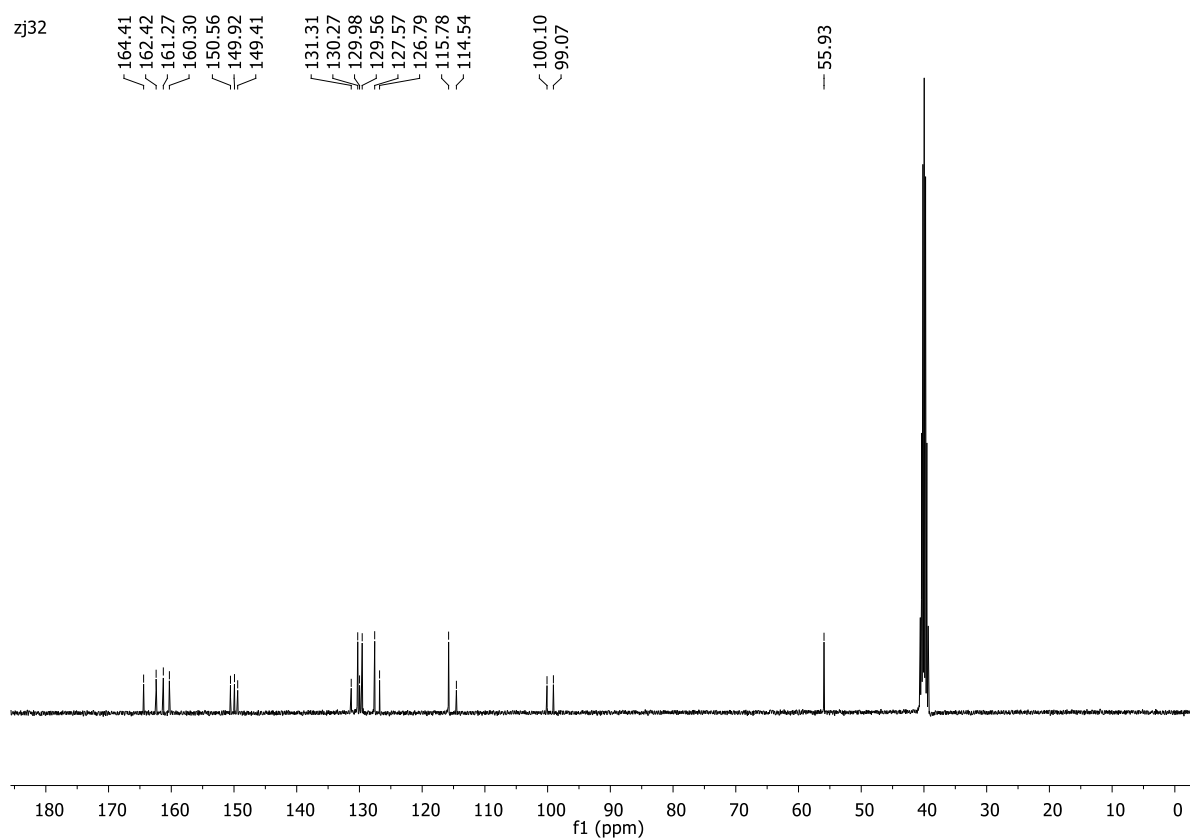
^{13}C NMR of compound **3b** (100 MHz, $\text{DMSO-}d_6$)



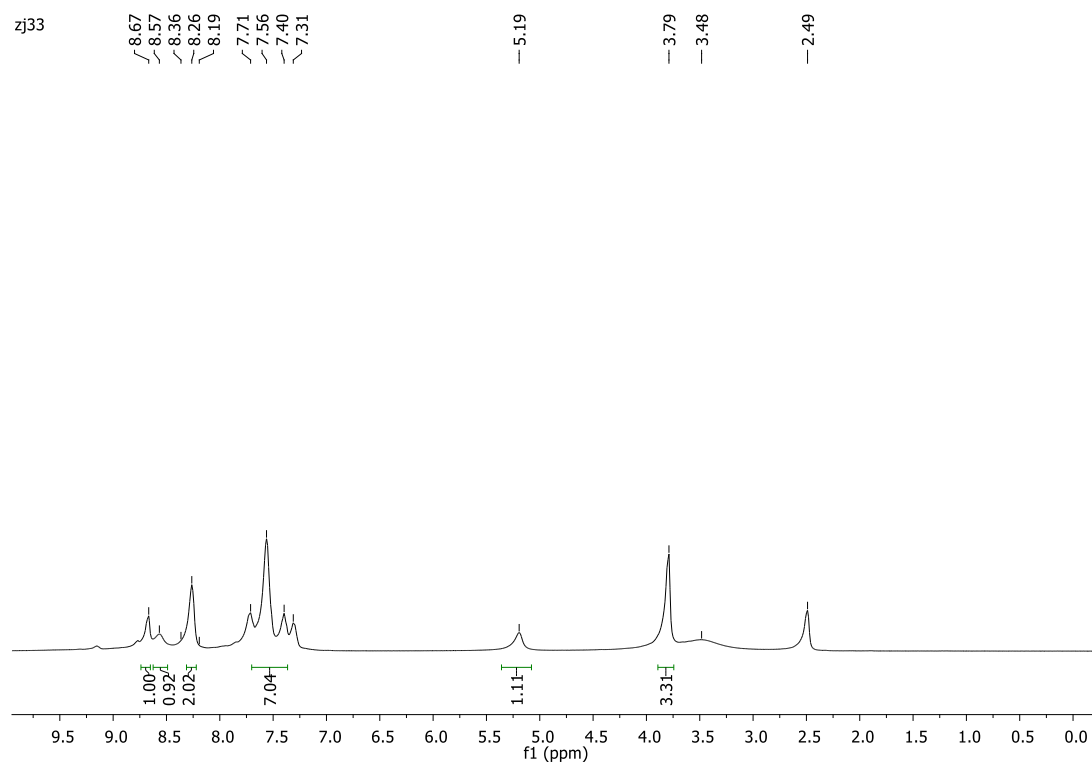
^1H NMR of compound **3c** (400 MHz, $\text{DMSO-}d_6$)



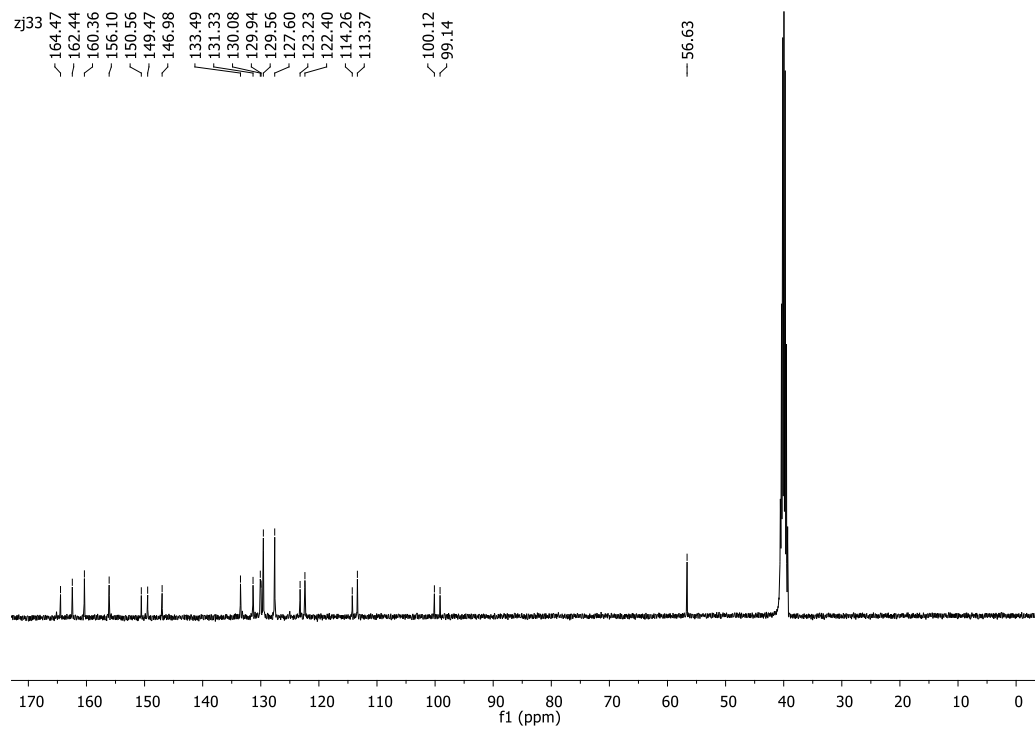
^{13}C NMR of compound **3c** (100 MHz, $\text{DMSO-}d_6$)



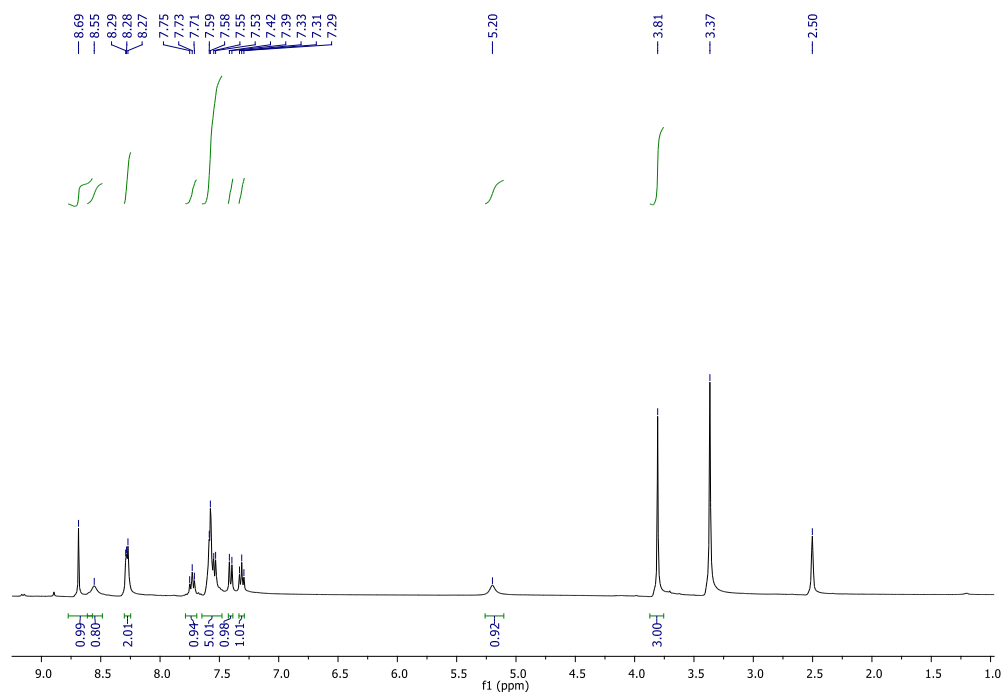
¹H NMR of compound **3d** (400 MHz, DMSO-d₆)



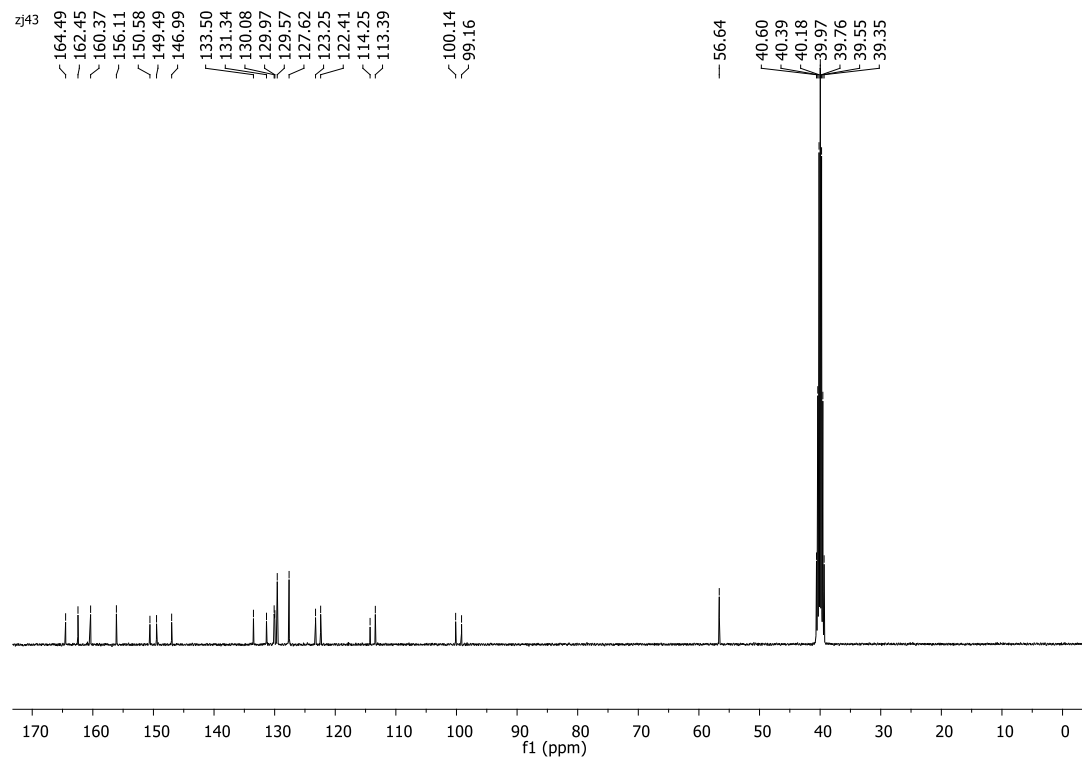
¹³C NMR of compound **3d** (100 MHz, DMSO-d₆)



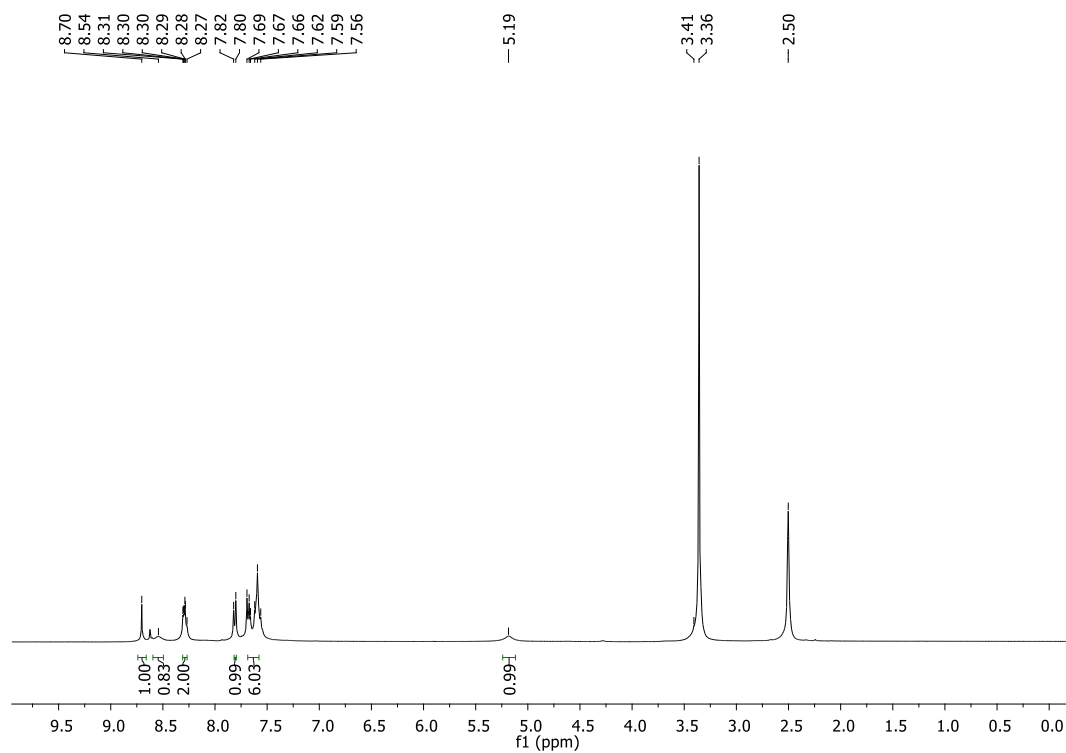
^1H NMR of compound **3e** (400 MHz, DMSO-d_6)



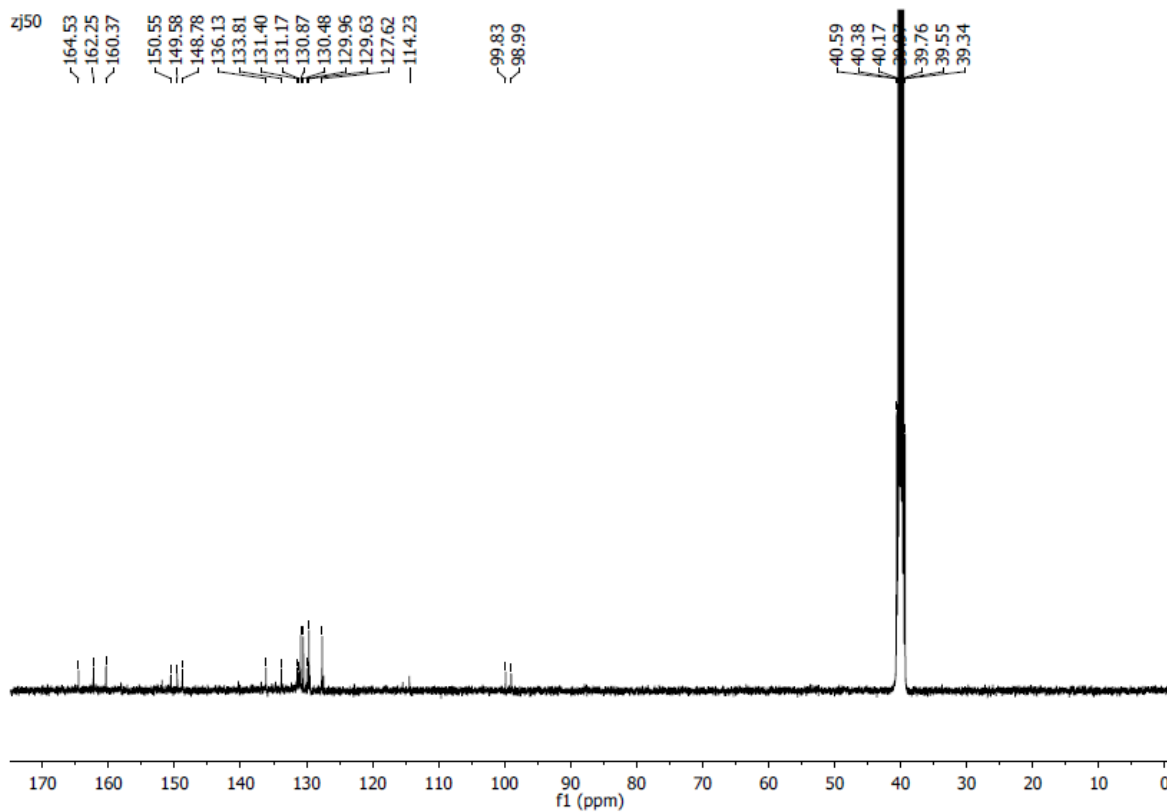
^{13}C NMR of compound **3e** (100 MHz, DMSO-d_6)



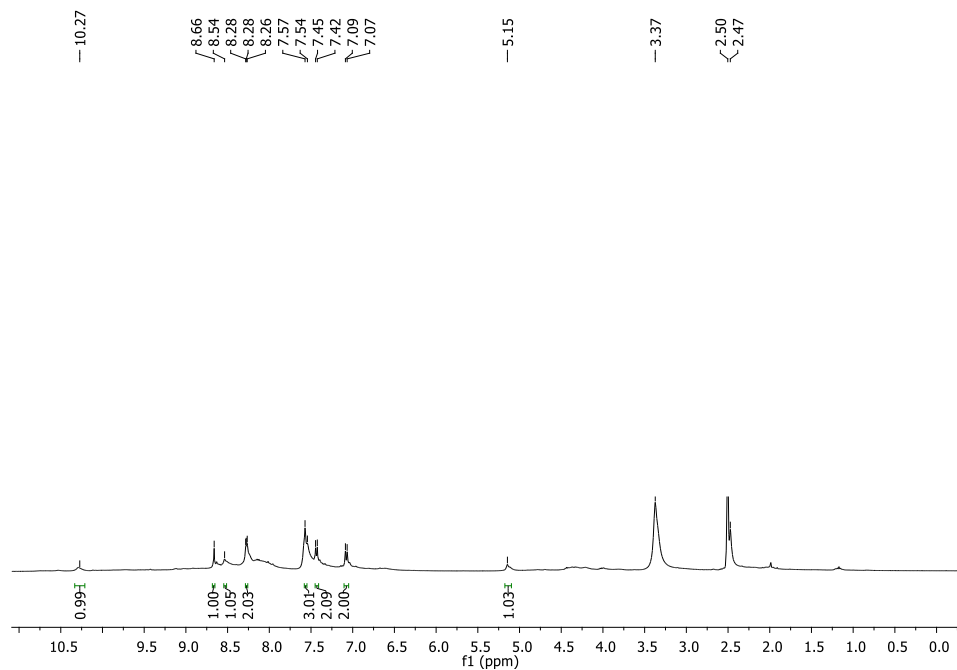
^1H NMR of compound **3f** (400 MHz, $\text{DMSO-}d_6$)



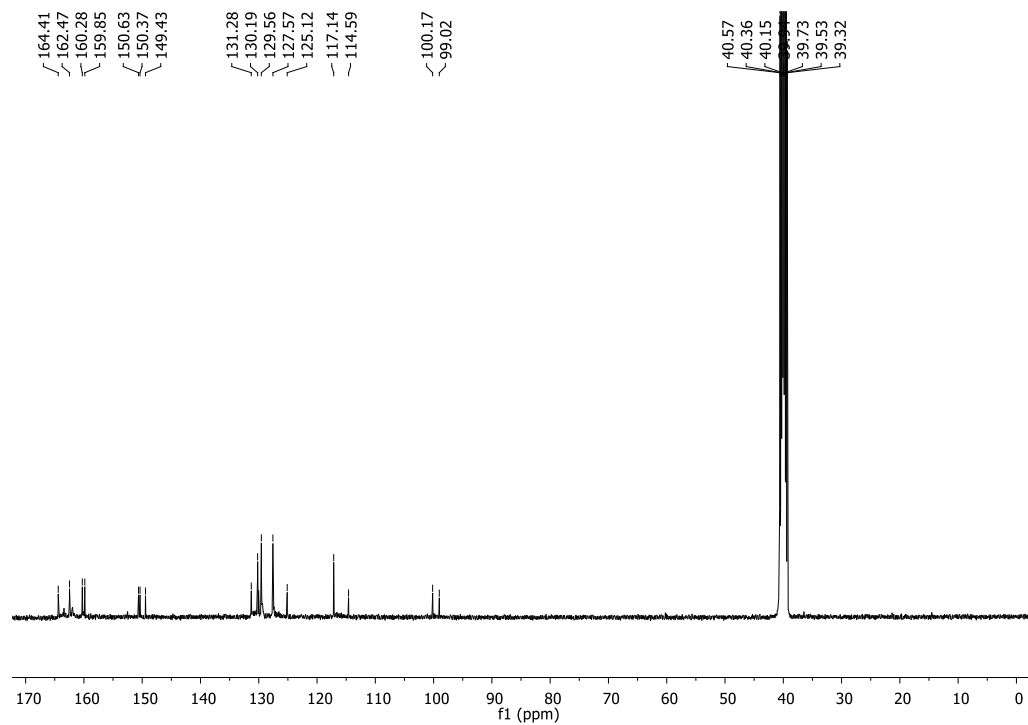
^{13}C NMR of compound **3f** (100 MHz, $\text{DMSO-}d_6$)



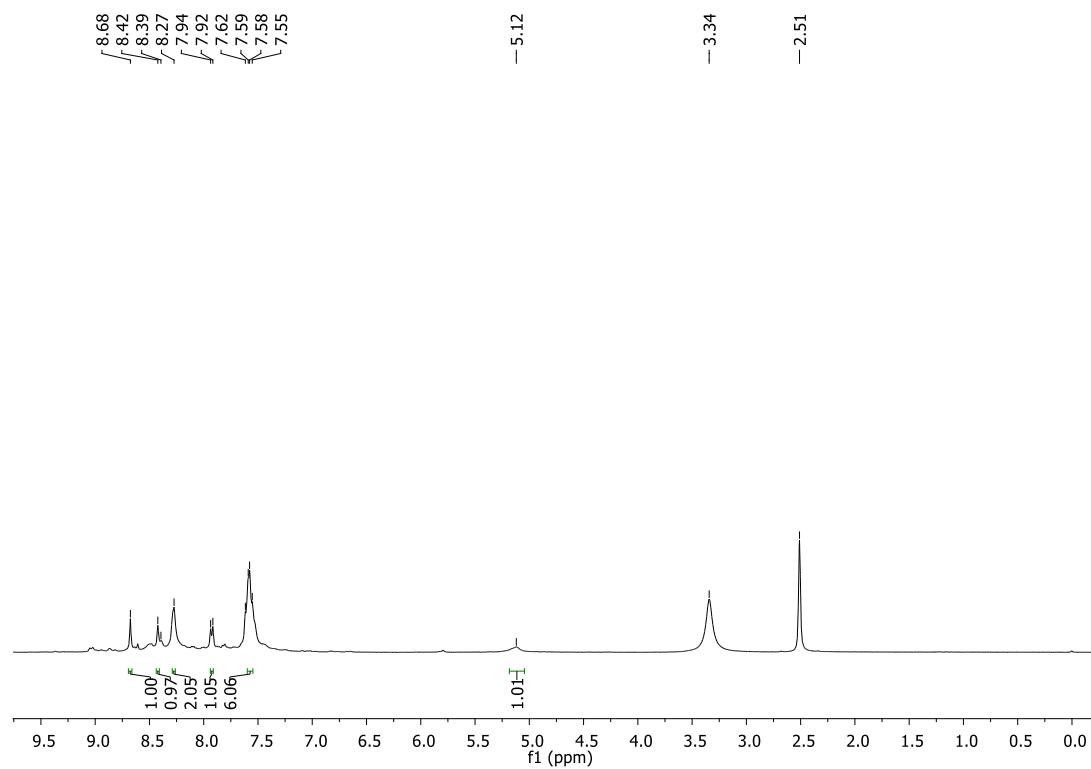
^1H NMR of compound **3g** (400 MHz, DMSO-d_6)



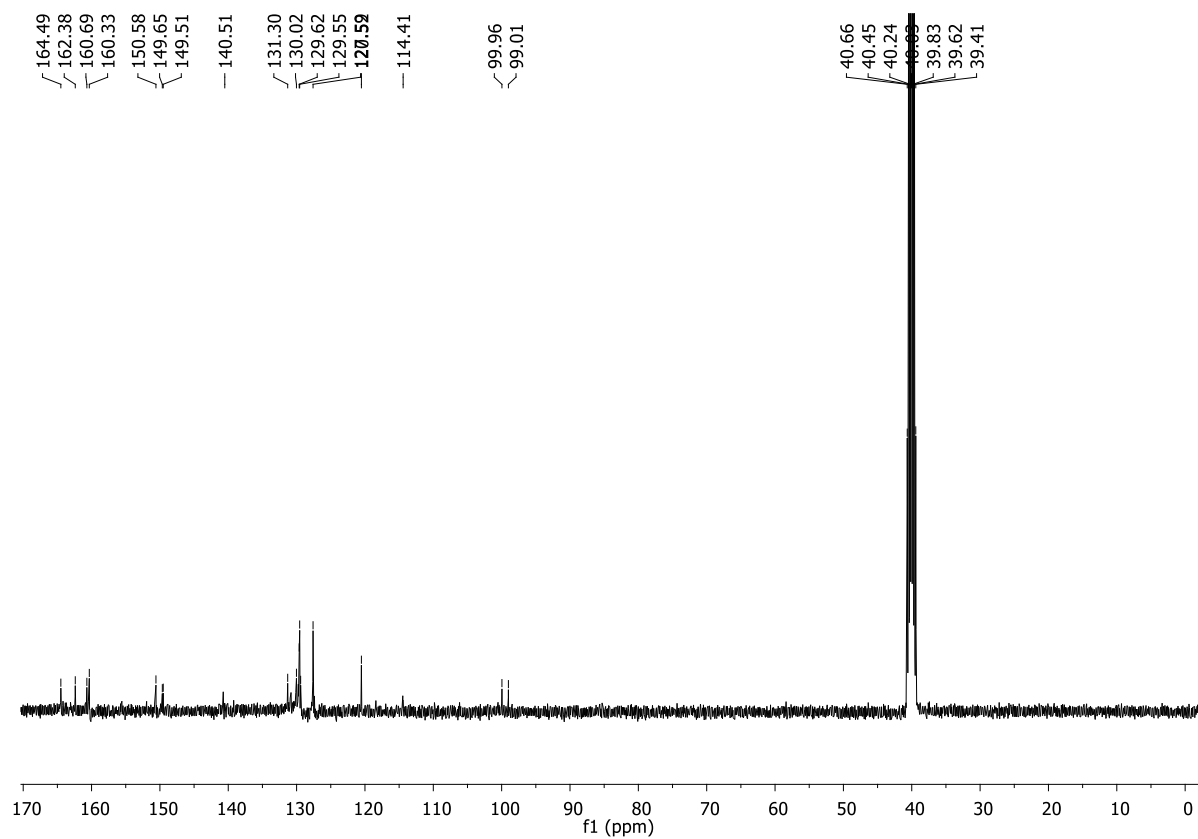
^{13}C NMR of compound **3g** (100 MHz, DMSO-d_6)



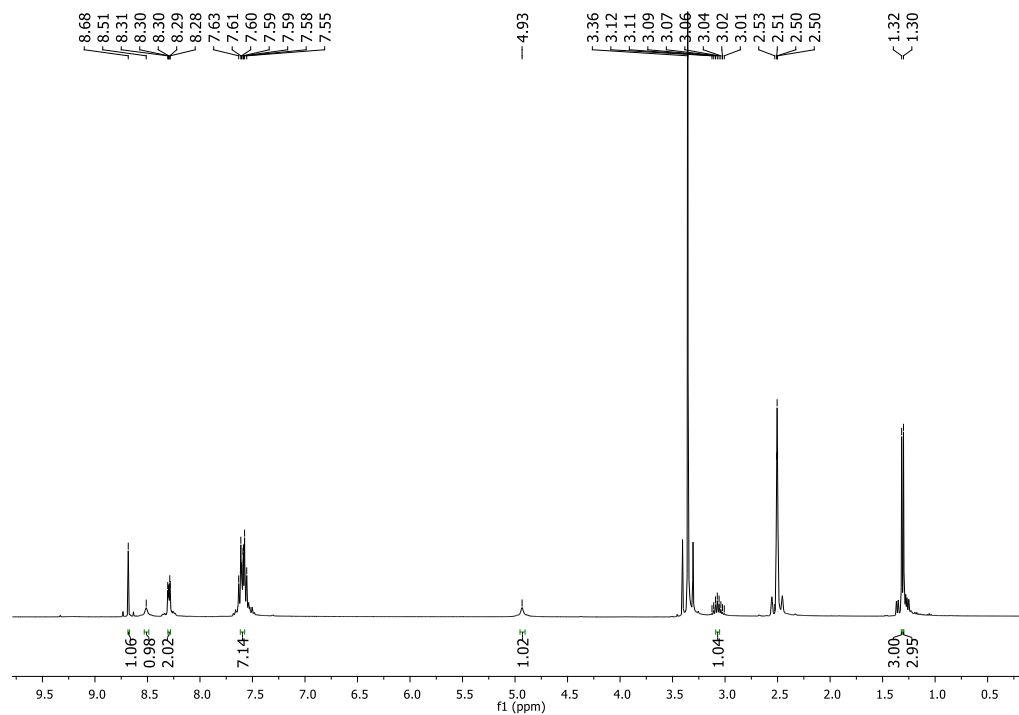
^1H NMR of compound **3h** (400 MHz, $\text{DMSO-}d_6$)



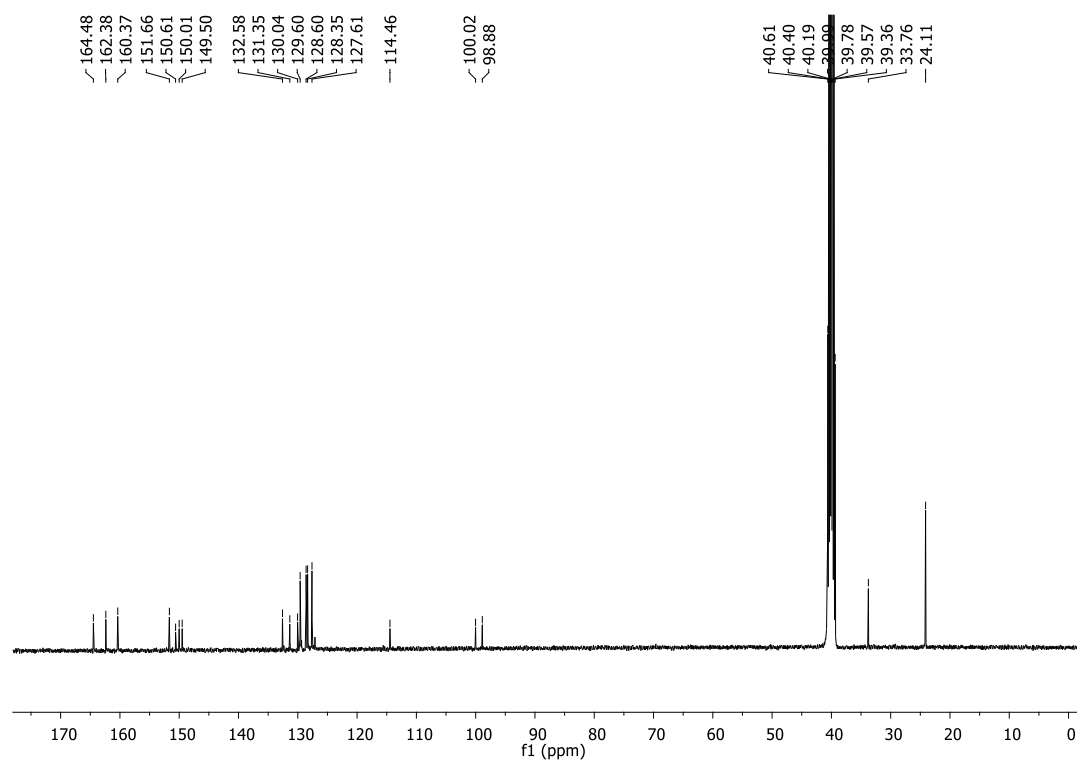
^{13}C NMR of compound **3h** (100 MHz, $\text{DMSO-}d_6$)



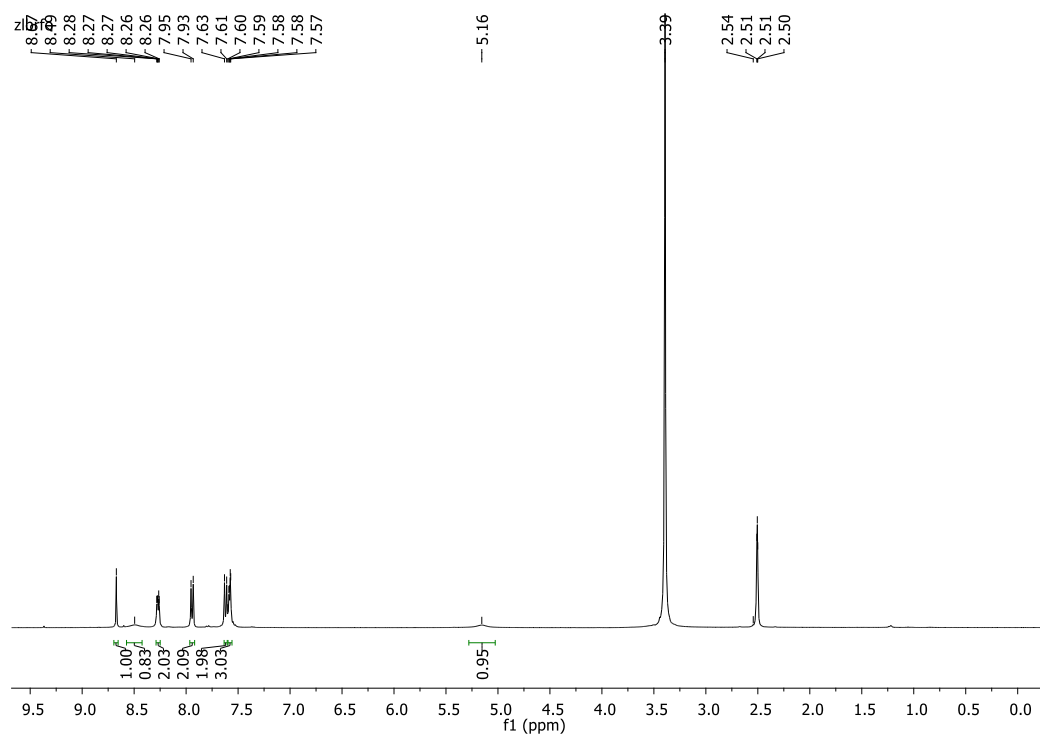
^1H NMR of compound **3i** (400 MHz, $\text{DMSO-}d_6$)



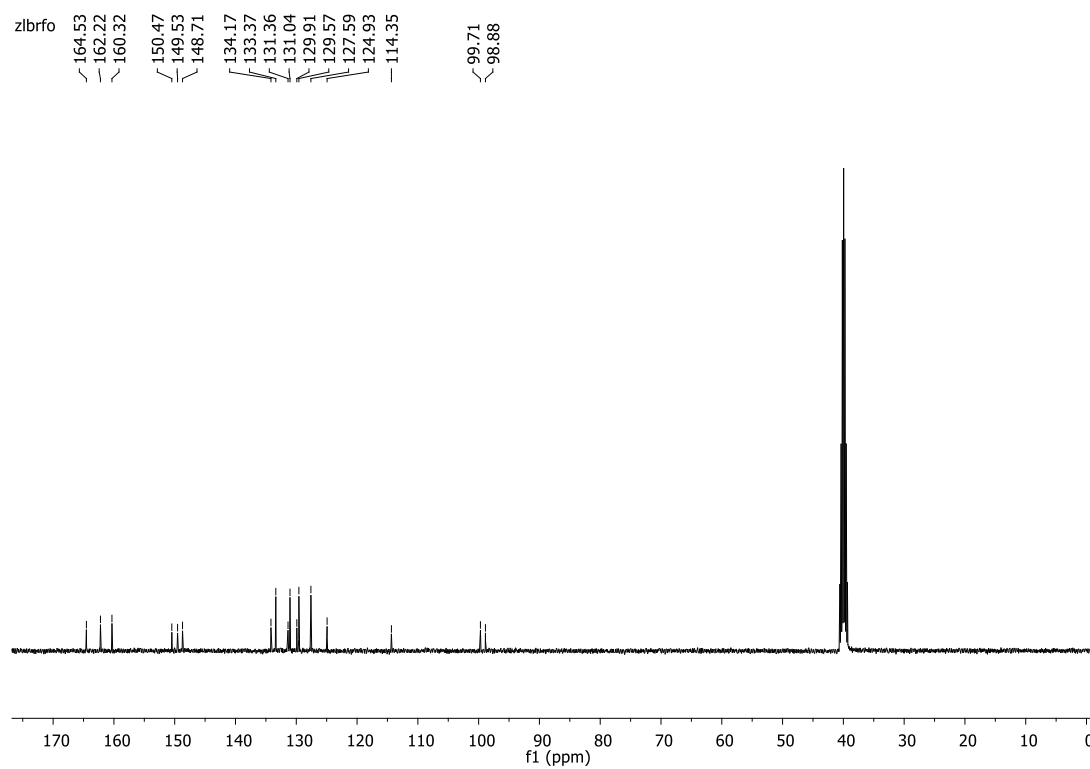
^{13}C NMR of compound **3i** (100 MHz, $\text{DMSO-}d_6$)



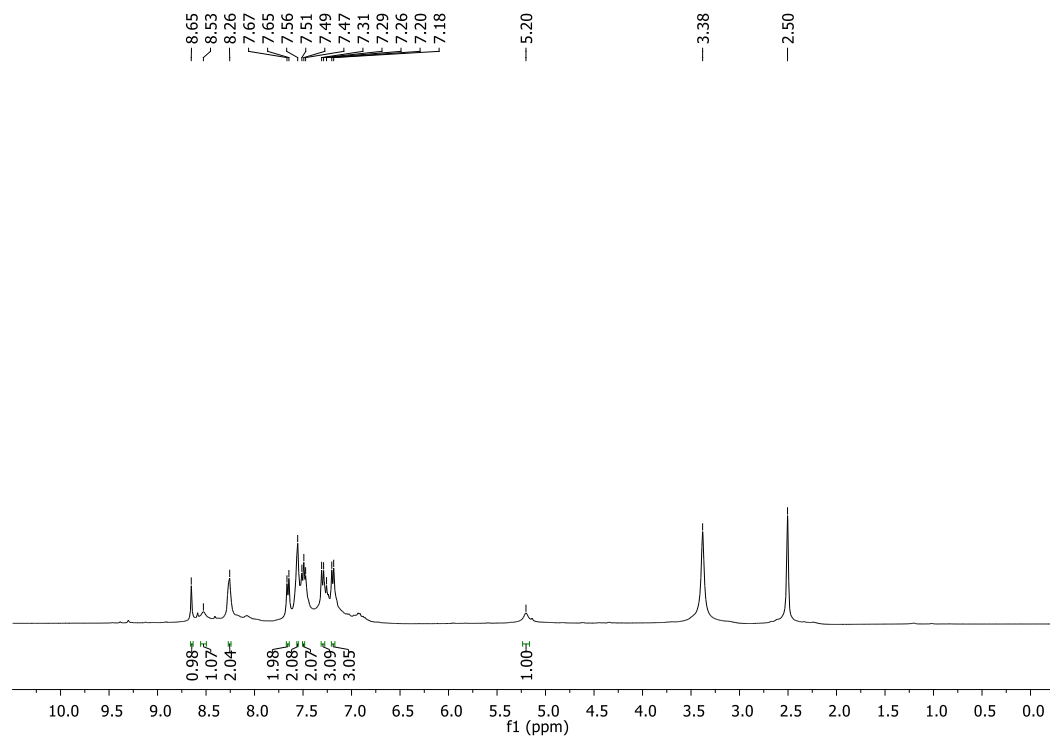
¹H NMR of compound **3j** (400 MHz, DMSO-d₆)



¹³C NMR of compound **3j** (100 MHz, DMSO-d₆)



^1H NMR of compound **3k** (400 MHz, DMSO-d_6)



^{13}C NMR of compound **3k** (100 MHz, DMSO-d_6)

