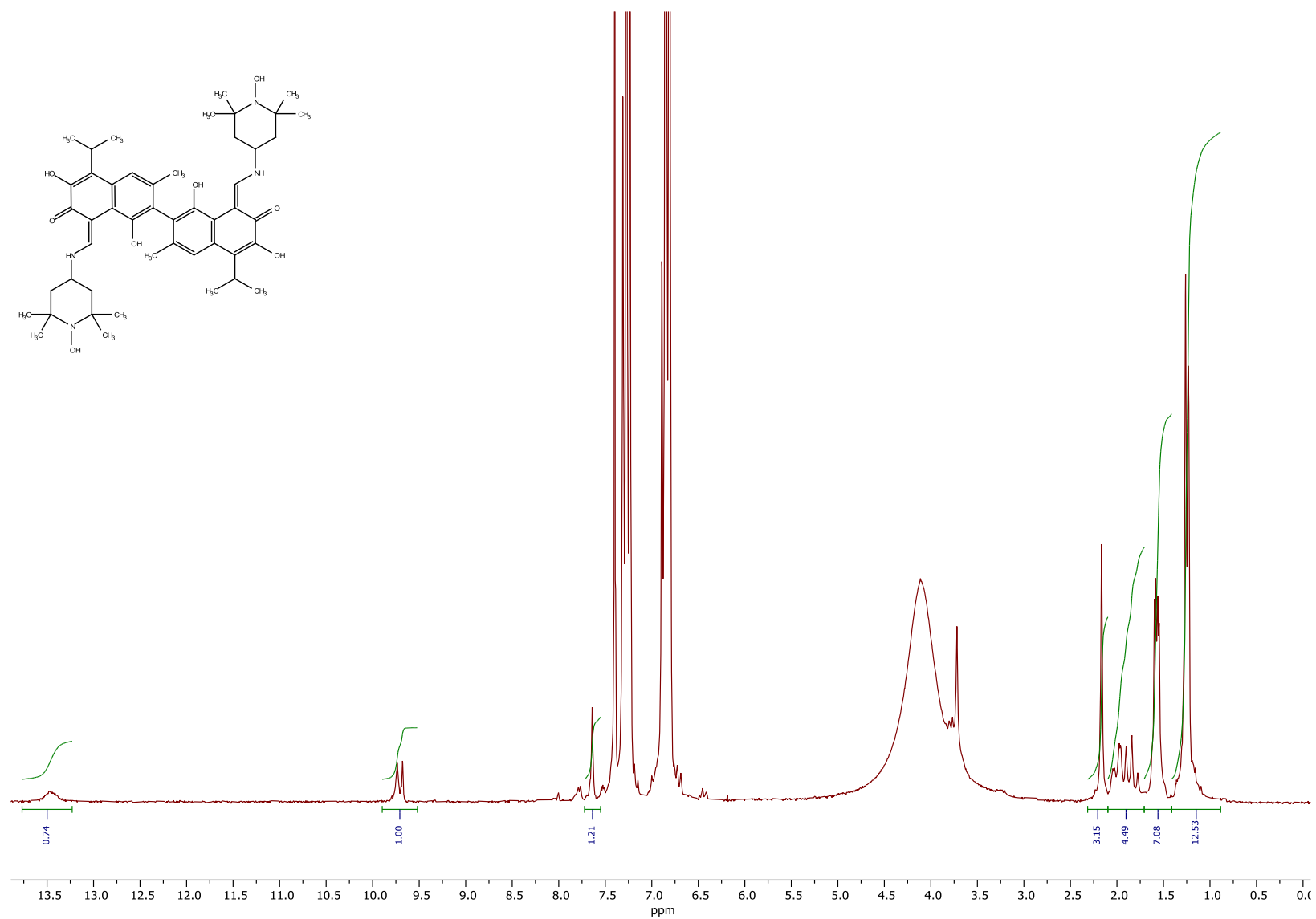


Supplementary materials to the article:

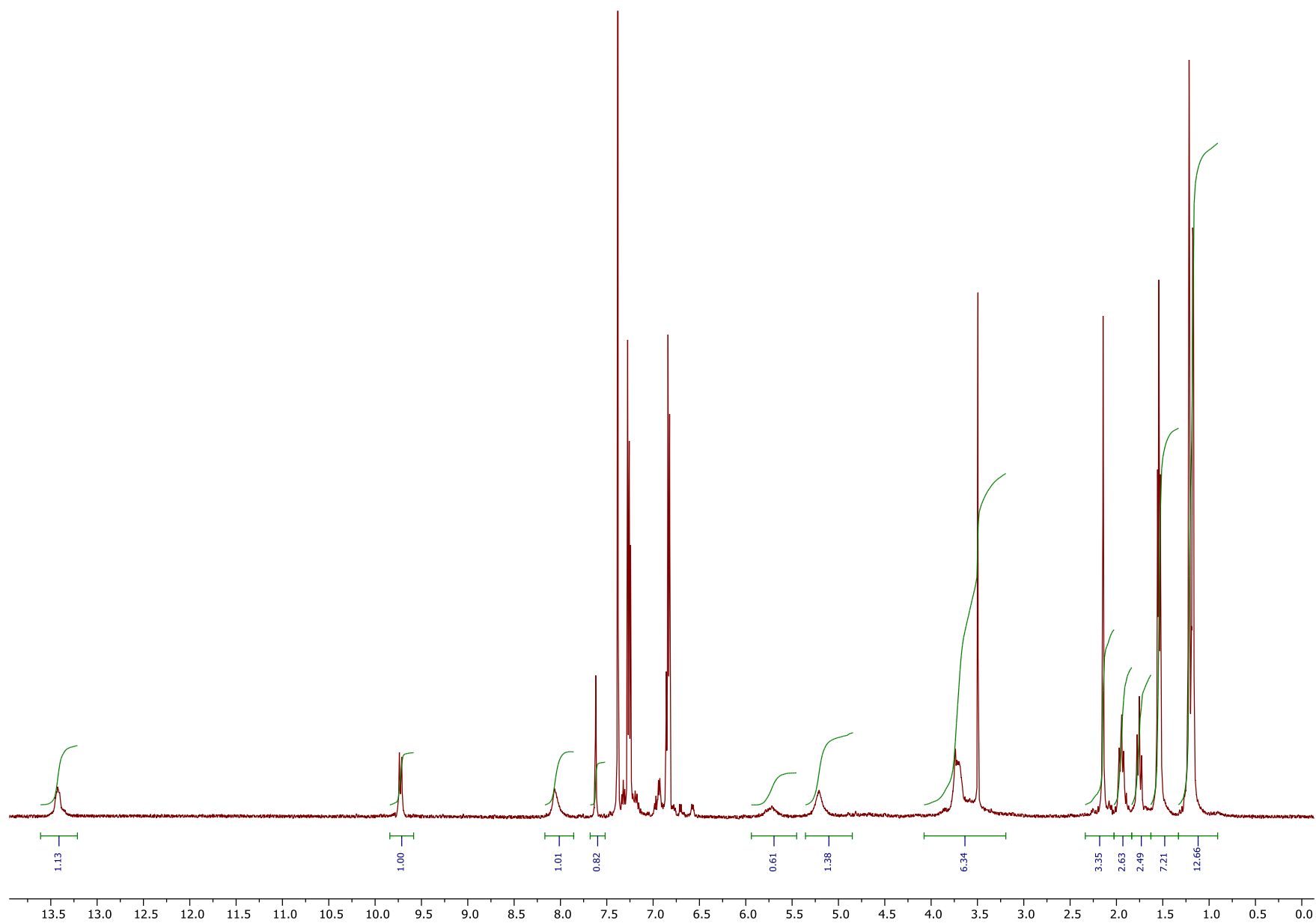
## **A spin-labeled derivative of gossypol**

Andrey V. Stepanov, Vladimir N. Yarovenko, Darina I. Nasyrova, Lyubov G. Dezhenkova, Igor O. Akchurin, Mikhail M. Krayushkin, Valentina V. Ilyushenkova, Andrey E. Shchekotikhin and Evgeny V. Tretyakov.

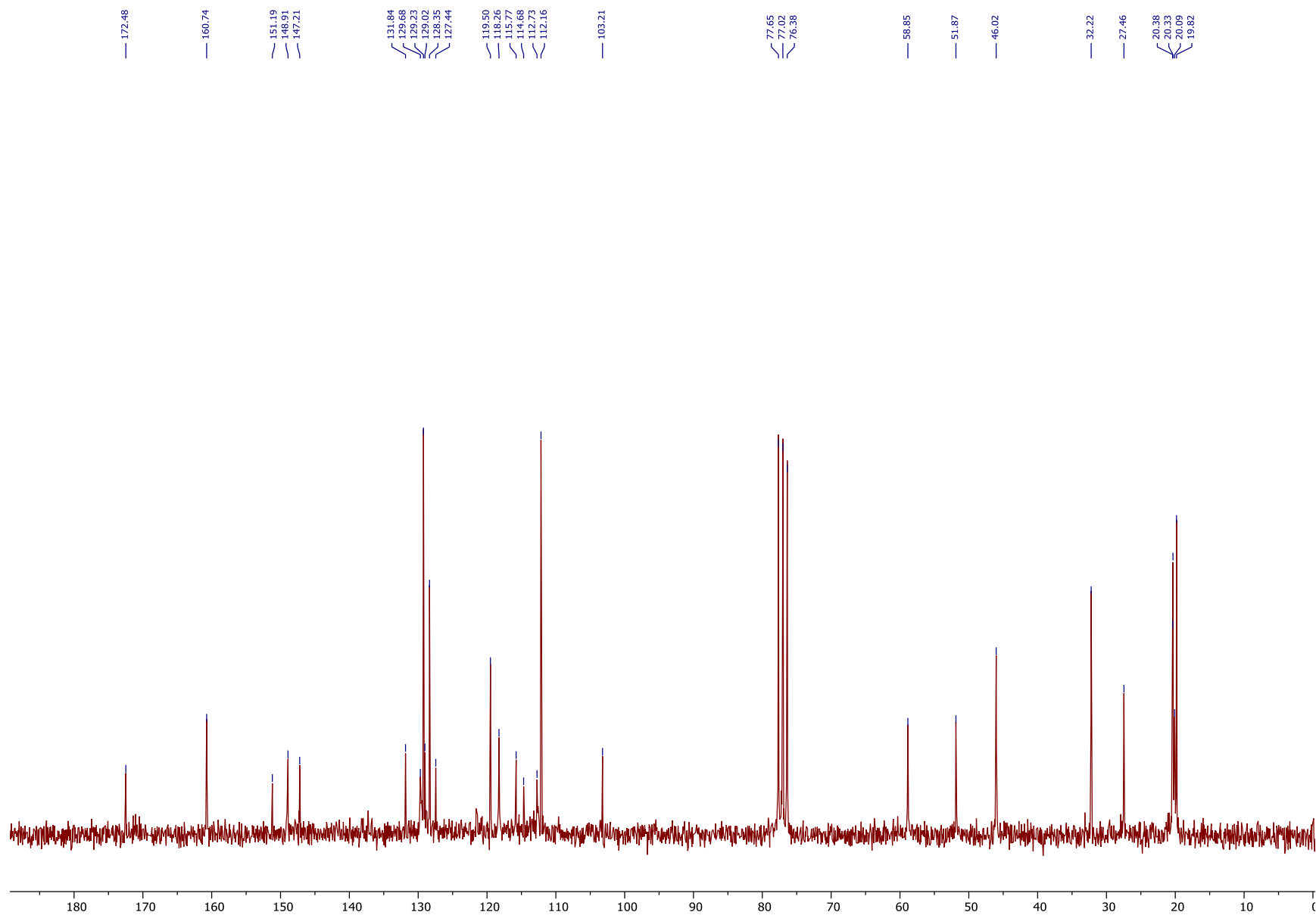
NMR spectra were recorded to 2 mg/ml solutions in CDCl<sub>3</sub> and should be recorded as quick as possible due to slow reaction of hydroxylamine **3** with PhNHNH<sub>2</sub>.



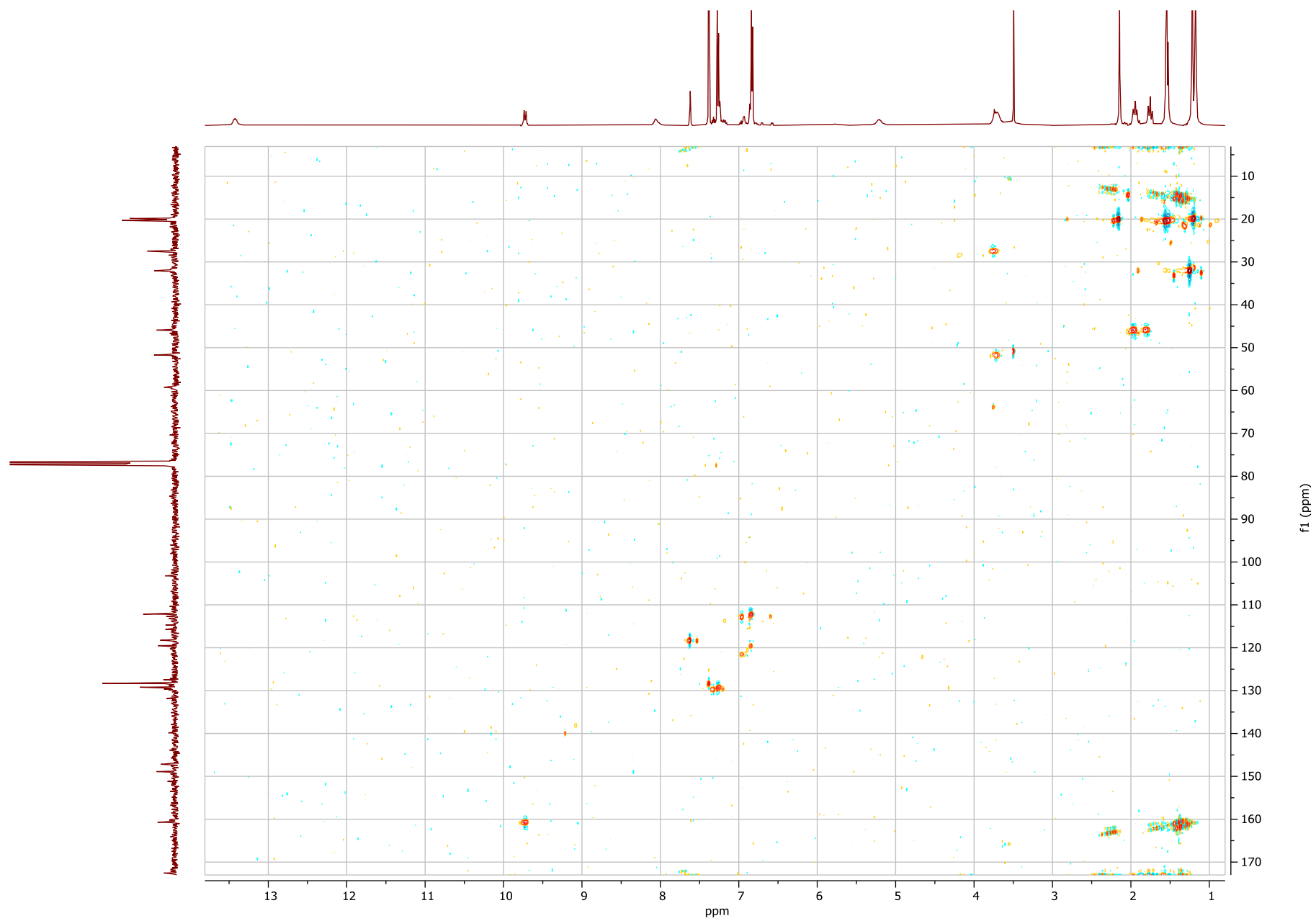
**Figure S1.**  $^1\text{H}$  NMR (200 MHz) spectrum of radical **2** at presence of  $\text{PhNHNH}_2$ .



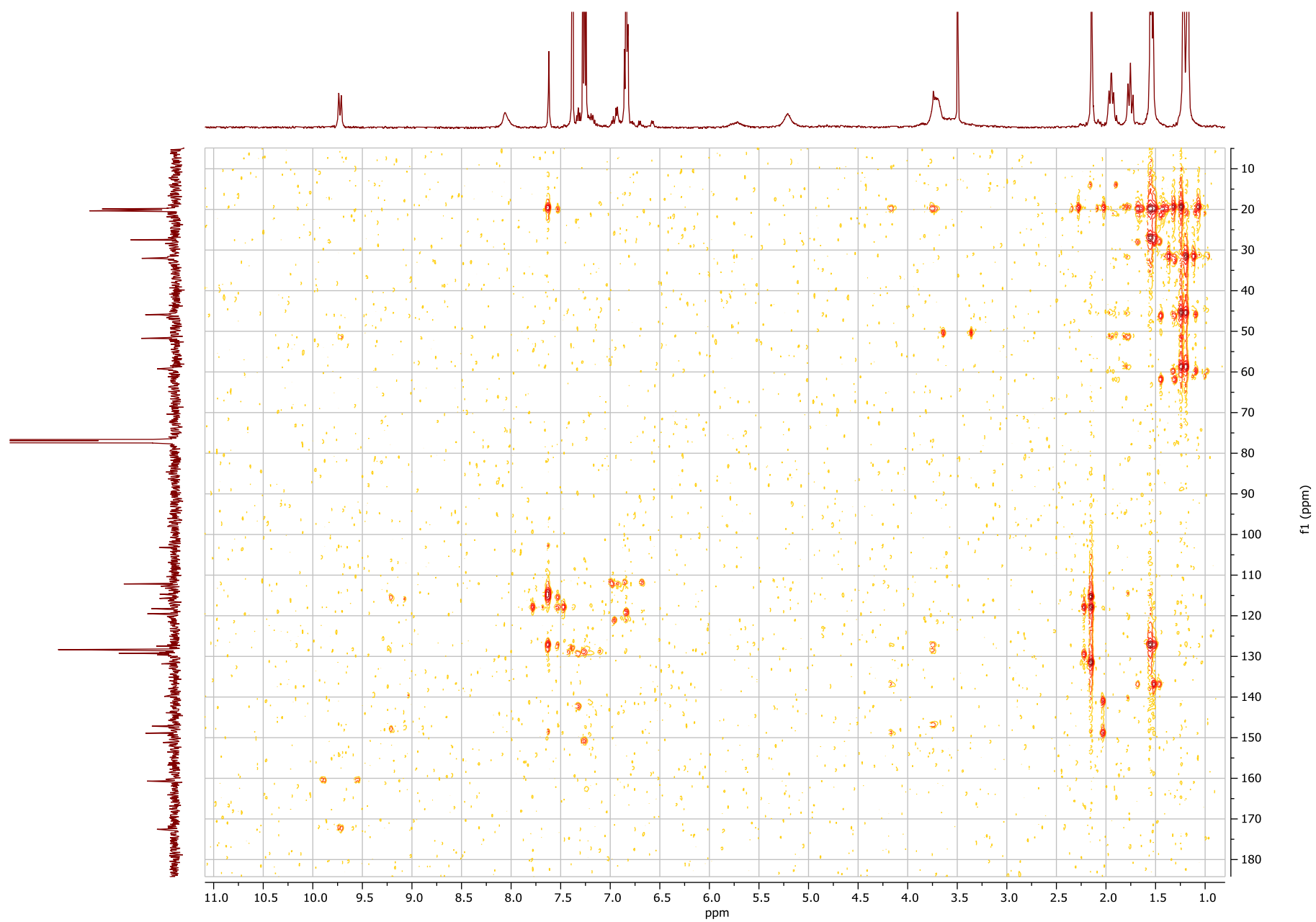
**Figure S2.**  $^1\text{H}$  NMR (500 MHz) spectrum of **3** at presence of  $\text{PhNHNH}_2$ .



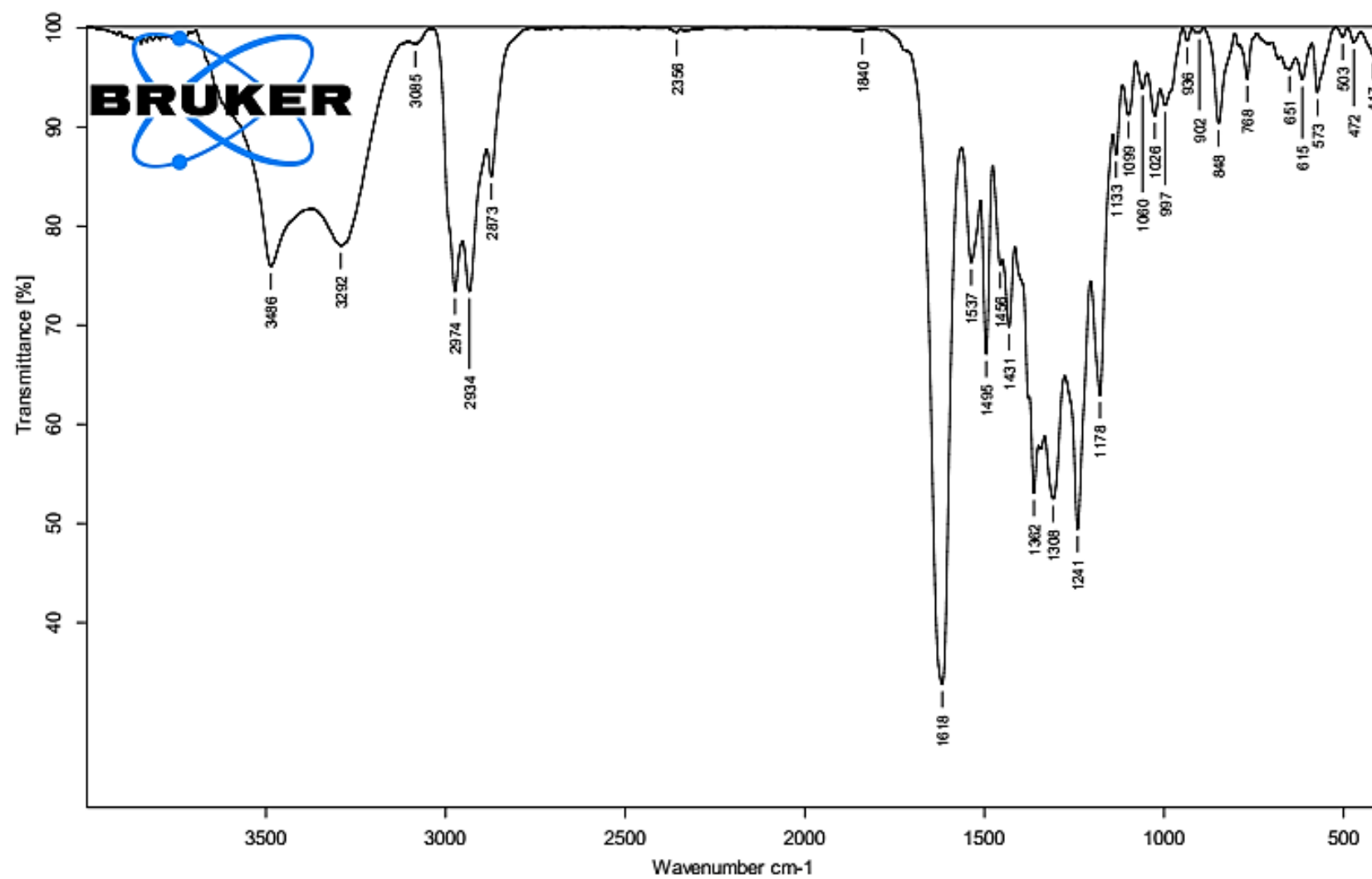
**Figure S3.**  $^{13}\text{C}$  NMR (50 MHz) spectrum of **3** at presence of  $\text{PhNHNH}_2$  (signals at 112.16, 119.59, 129.23 and 151.19 ppm belong to  $\text{PhNHNH}_2$ ).



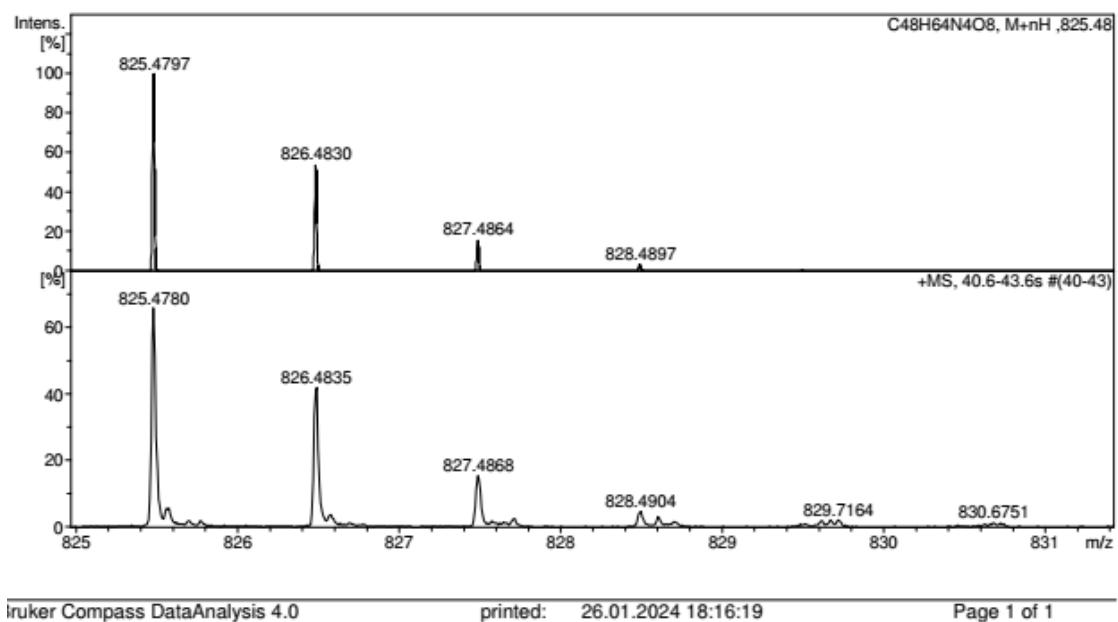
**Figure S4.** HMQC NMR spectrum of **3**.



**Figure S5.** HMBC NMR spectrum of **3**.



**Figure S6.** IR spectrum of compound **2** in a KBr pellet.



**Figure S7.** HRMS of biradical 2.