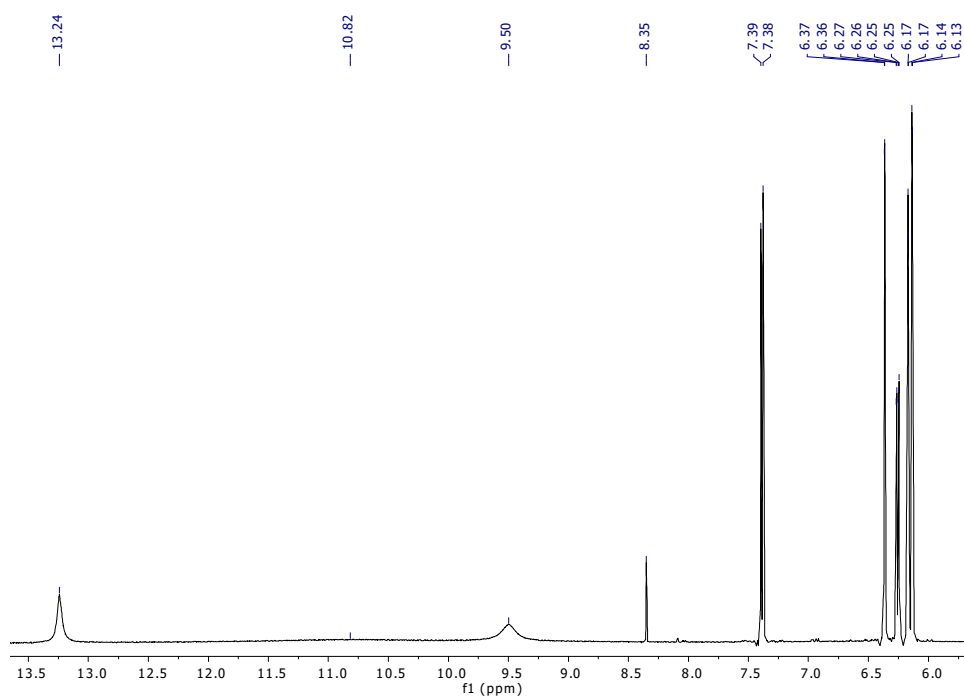
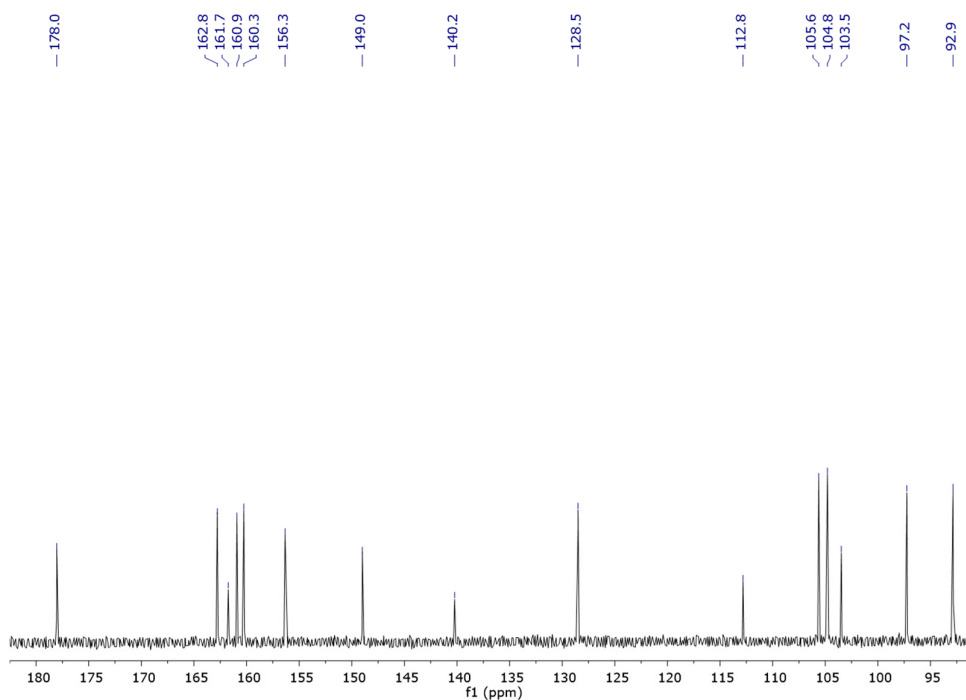




Supplementary Material

Figures:

Figure S1. ^1H NMR spectrum of morin oxime (2), at 400 MHz, in DMSO-d_6 .Figure S2. ^{13}C NMR spectrum of morin oxime (2), at 100 MHz, in DMSO-d_6 .

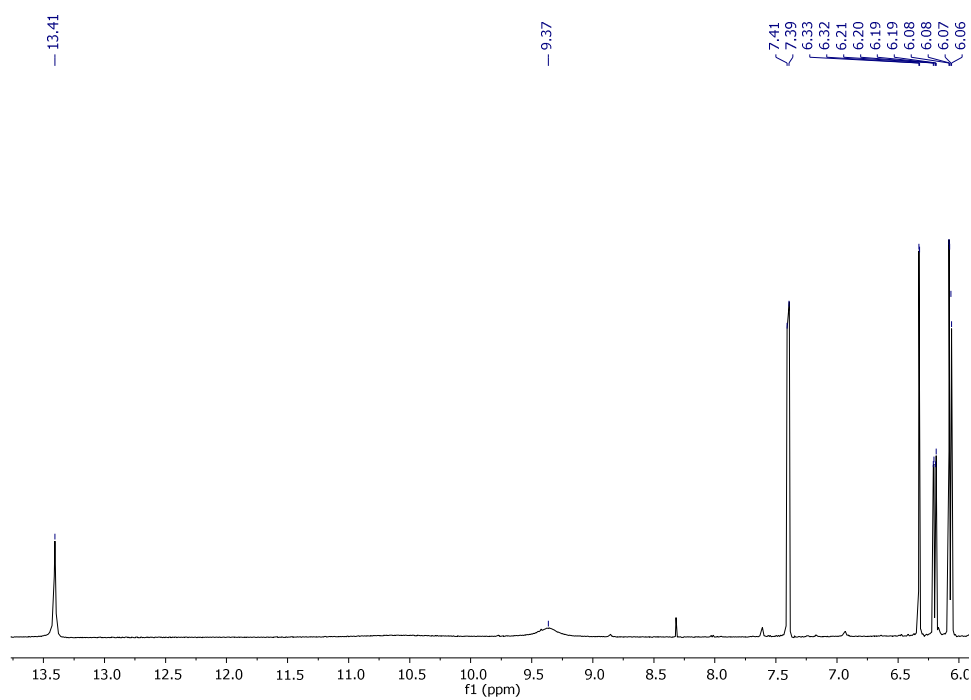


Figure S3. ¹H NMR spectrum of morin semicarbazone (3), at 400 MHz, in DMSO-d₆;

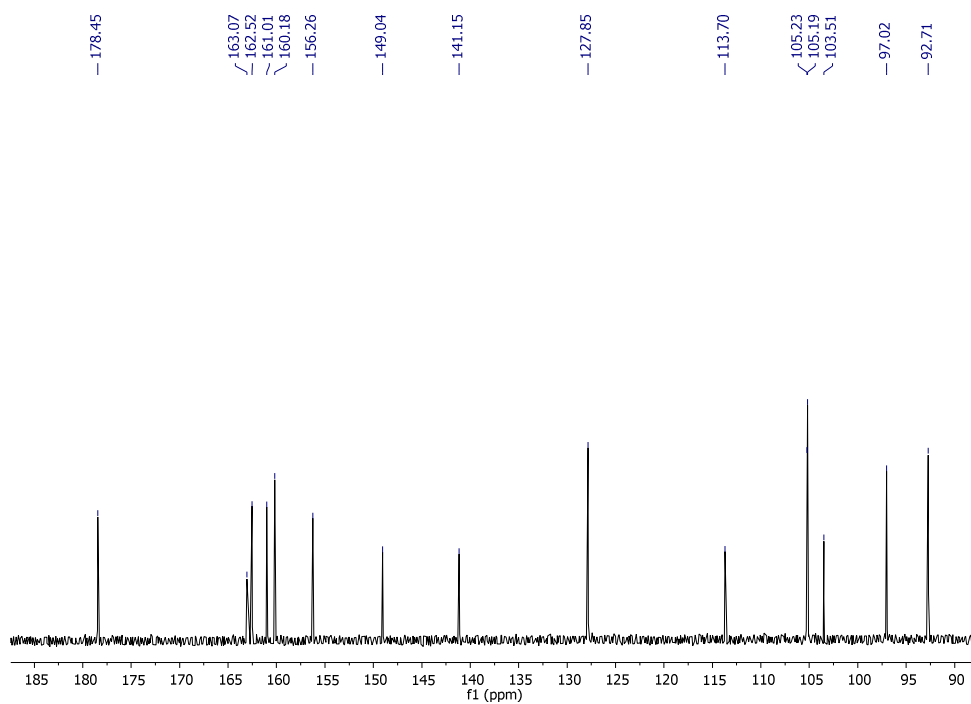


Figure S4. ¹³C NMR spectrum of morin semicarbazone (3), at 100 MHz, in DMSO-d₆;

Table:

Table S1. Molar absorption coefficient values of morin (1) and its derivatives morin oxime (2) and morin semicarbazone (3).

λ (nm)	Molar absorption coefficient (ϵ)		
	1	2	3
210	40426	35090	25453
265	25450	16756	16664
390	29976	13198	16549