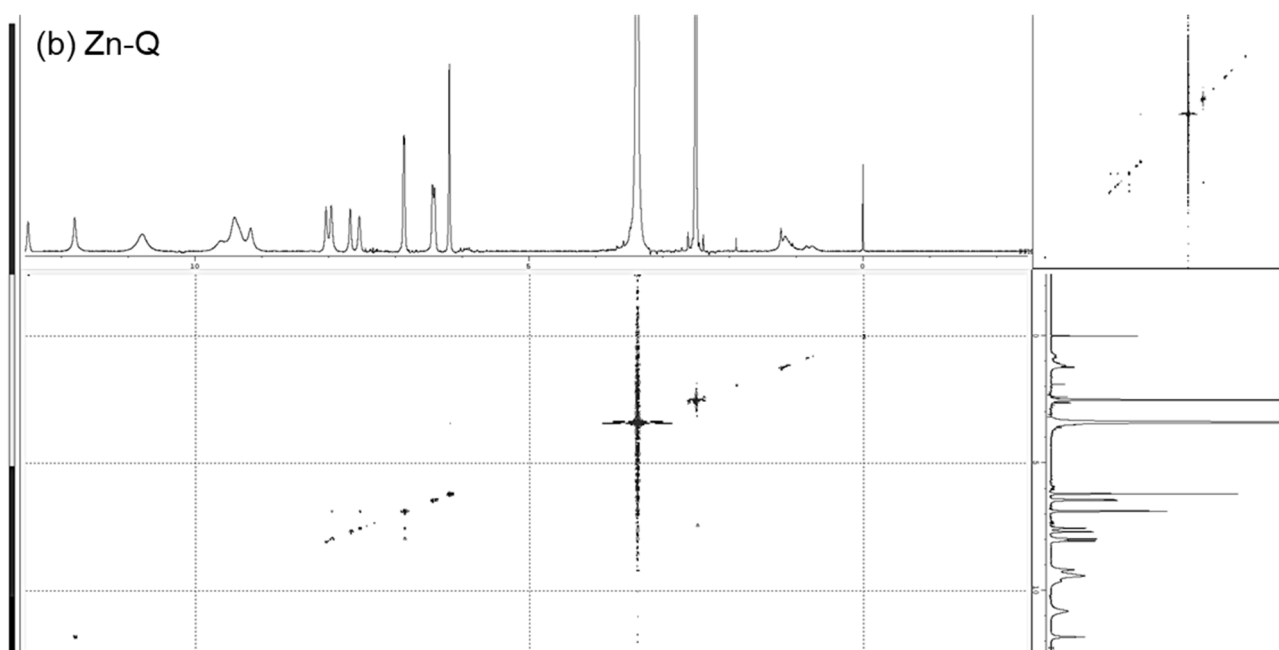
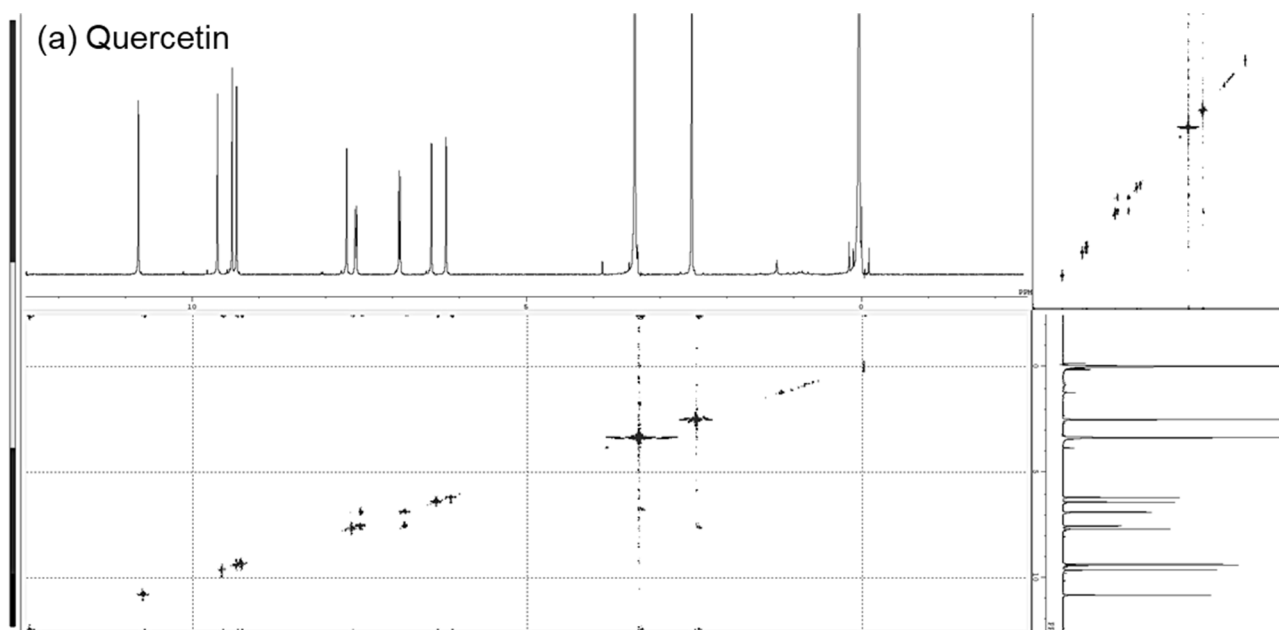


**Table S1.** Elemental analysis data of Zn-Q and Q+Zn

Complex	C%		H%		Zn%		molecular formula	purity
	calc.	found	calc.	found	calc.	found		
Zn-Q	54.0	52.5	2.60	2.79	9.8	8.2	C <sub>30</sub> H <sub>17</sub> O <sub>14</sub> Zn	97%
Q+Zn	39.8	43.7	3.10	2.98	21.6	7.1	C <sub>30</sub> H <sub>28</sub> O <sub>20</sub> Zn <sub>3</sub>	ND

ND : Not Determined



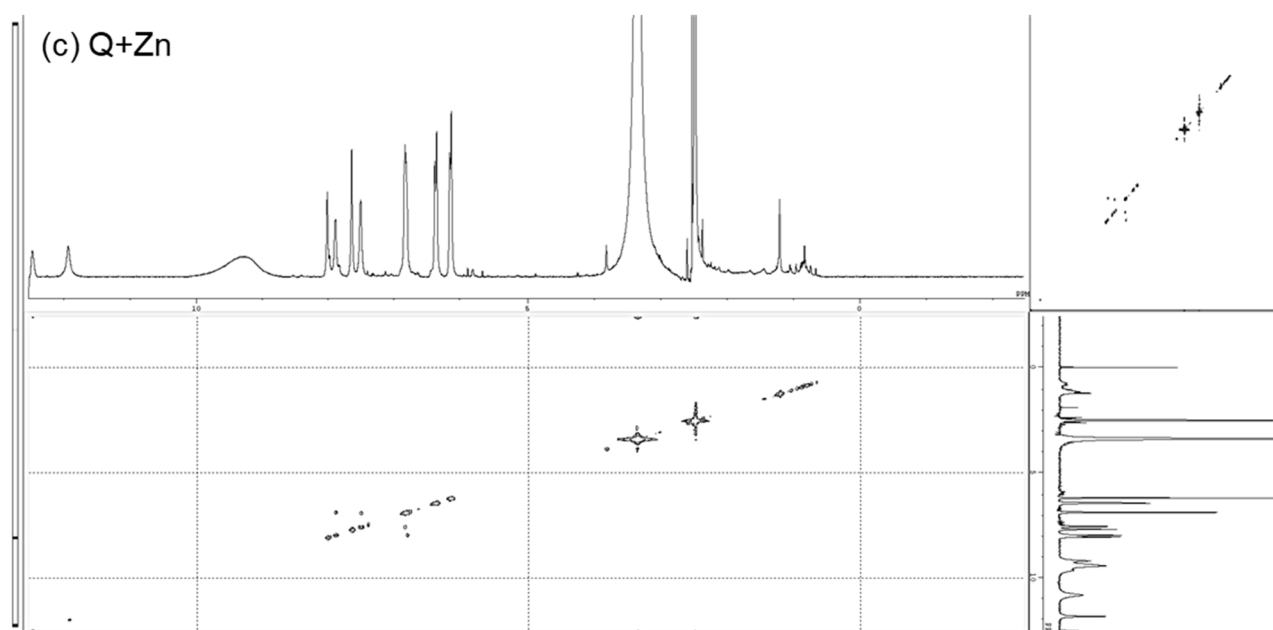


Figure S1: 2D COSY-NMR spectra of Quercetin (a), Zn-Q (b), and Q+Zn (c).

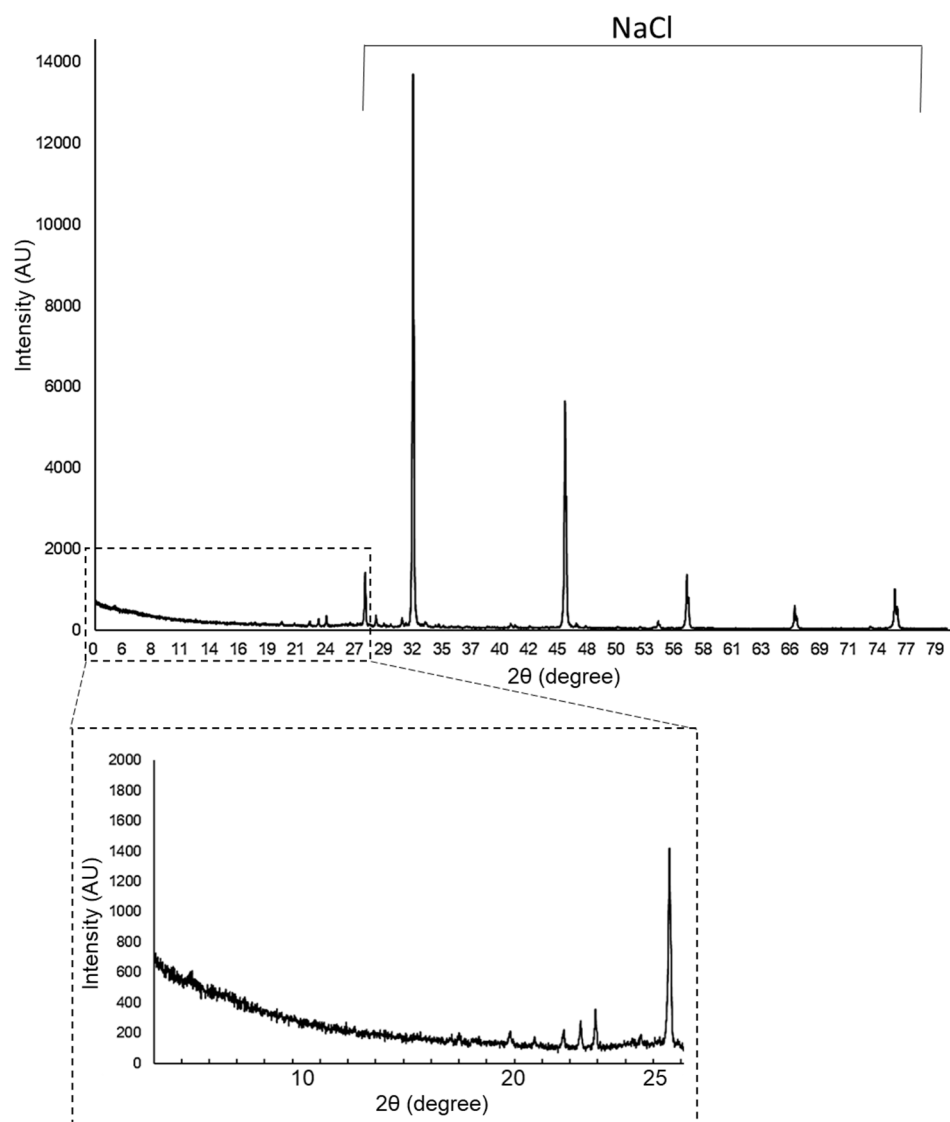


Figure S2: Powder XRD pattern of Q+Zn. The overall crystal structure (top) and the amorphous structure shown by the magnified image in the  $2\theta$  range  $3^\circ$  to  $40^\circ$  (bottom). The diffraction angles  $2\theta$  of  $31^\circ$ ,  $45^\circ$ ,  $56^\circ$ ,  $66^\circ$ , and  $75^\circ$  indicated characteristic peaks of the NaCl crystal structure.