


SUPPLEMENTARY MATERIAL

Preparation and characterization of a quercetin-tetraethyl ether-based photoprotective nanoemulsion

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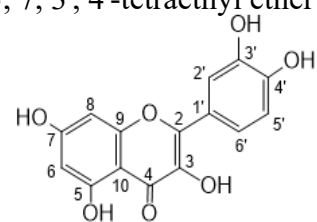
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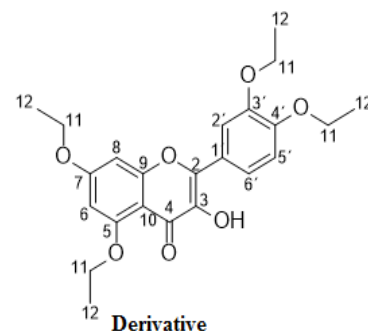
Table 1S. ^1H and ^{13}C NMR data from Quercetin^{26,27} and Quercetin 3, 7, 3', 4'-tetraethyl ether (QD)

Position	Q δ_{H} [1]	Q δ_{C} [2]	D δ_{H}	D δ_{C}
2	-----	147.5	-----	148.18
3	-----	136.5	-----	137.87
4	-----	176,5	-----	178.89
5	-----	161.0	-----	162.00
6	6.20	99.5	6.34	98.11
7	-----	166.0	-----	164.76
8	6.42	94.5	6.43	92,56
9	-----	156.7	-----	156.74
10	-----	104.0	-----	105.90
11	-----	-----	4.10	64.47
12	-----	-----	1.34	14.83
1'	-----	123.0	-----	123.05
2'	7.69	116.0	6.99	112.34
3'	-----	145.7	-----	151.17
4'	-----	148.1	-----	151.17
5'	6.90	116.5	6.97	112.34
6'	7.53	121.0	7.70	122.15

Q= Quercetina; D= Derivative.



Quercetin



Derivative

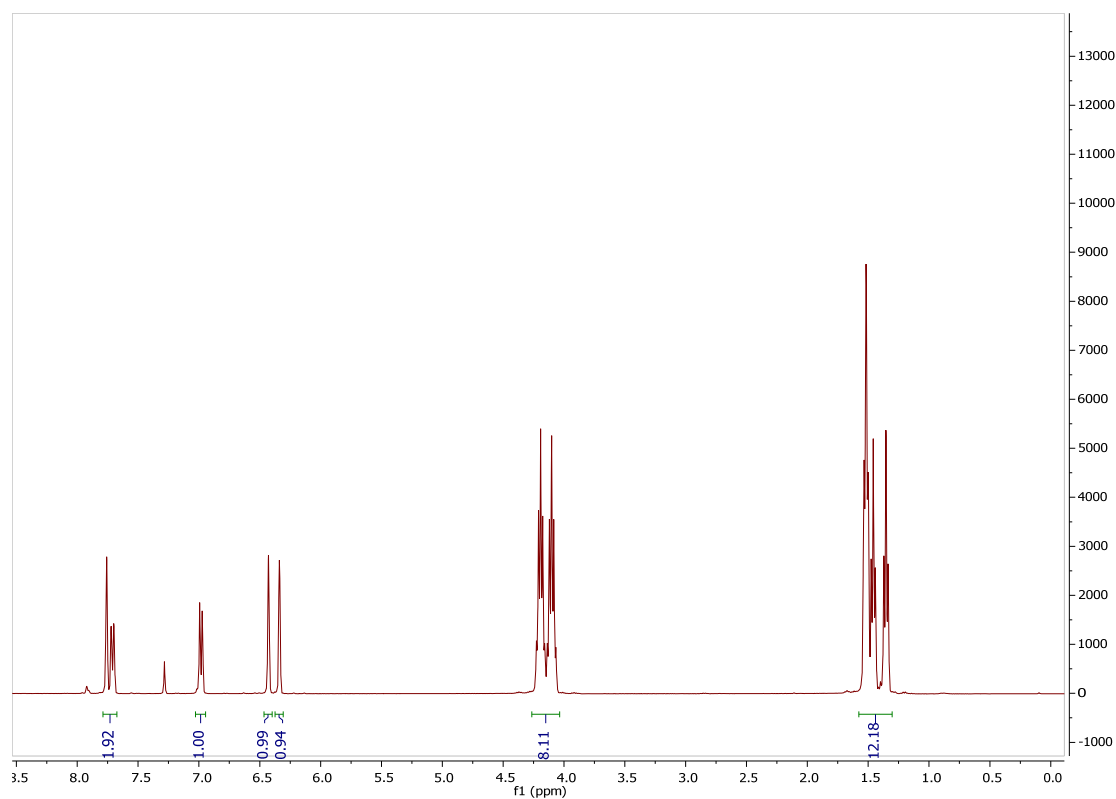


Figure 1S. ^1H -RMN spectra of Quercetin 3, 7, 3', 4'-tetraethyl ether (derivative)

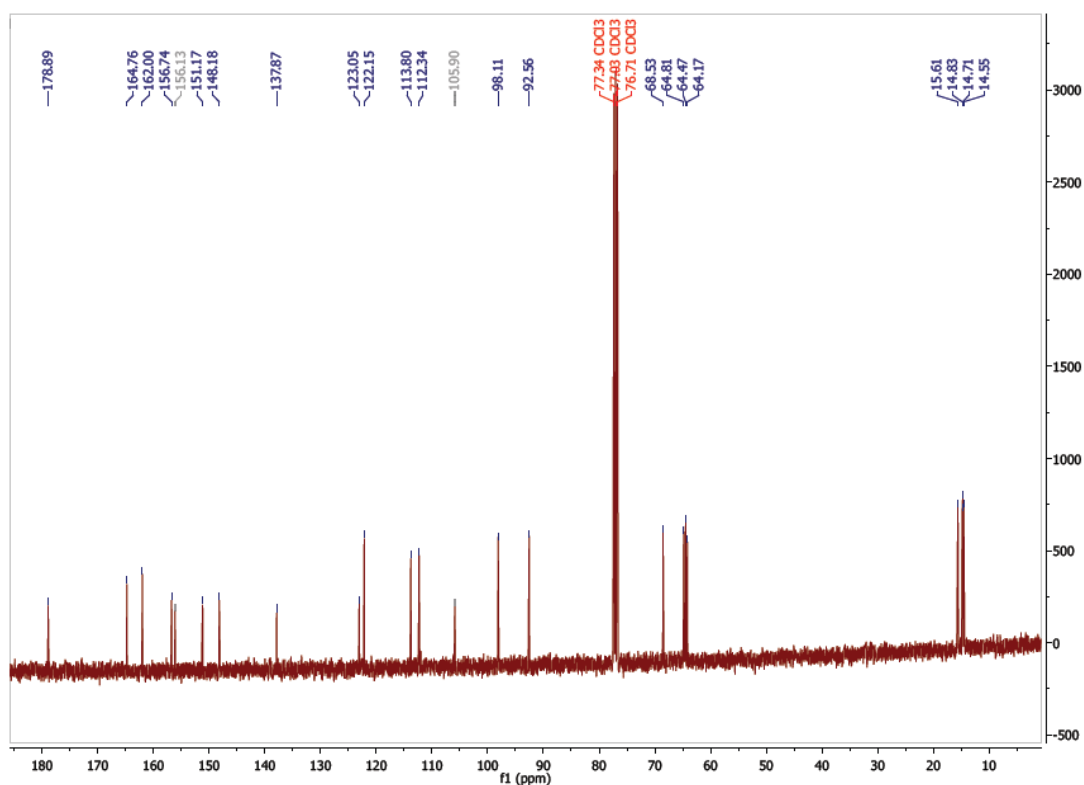


Figure 2S. ^{13}C -RMN spectra of Quercetin 3, 7, 3', 4'-tetraethyl ether (derivative)