

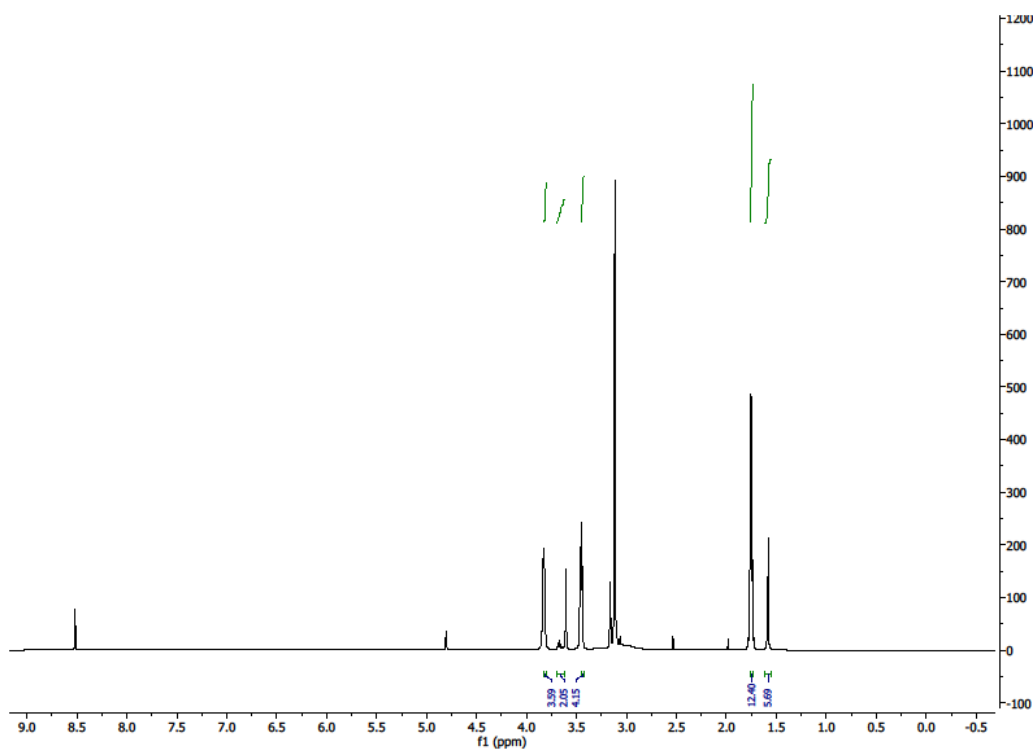
## Anticancer activity of novel silicon phthalocyanines against colorectal adenocarcinoma cell line (DLD-1)

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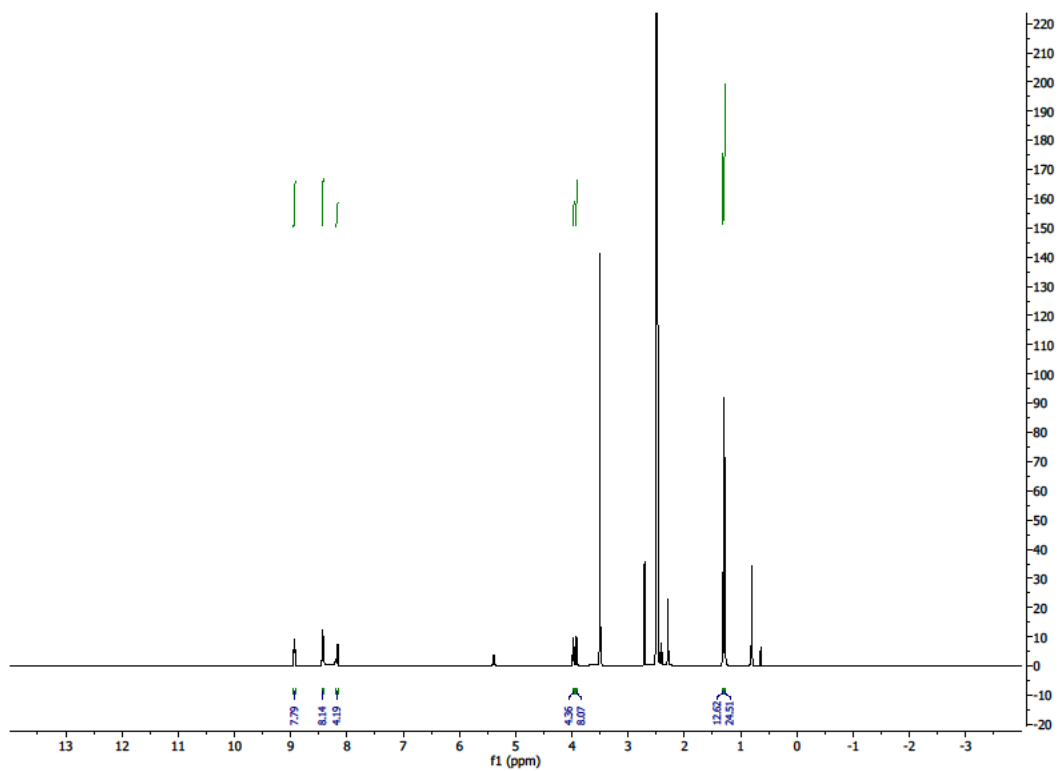
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<sup>b</sup> Department of Chemistry Technology, Mustafa Çıkrıkçıoğlu Vocational School, Kayseri University, TR-38280 Kayseri, Turkey.

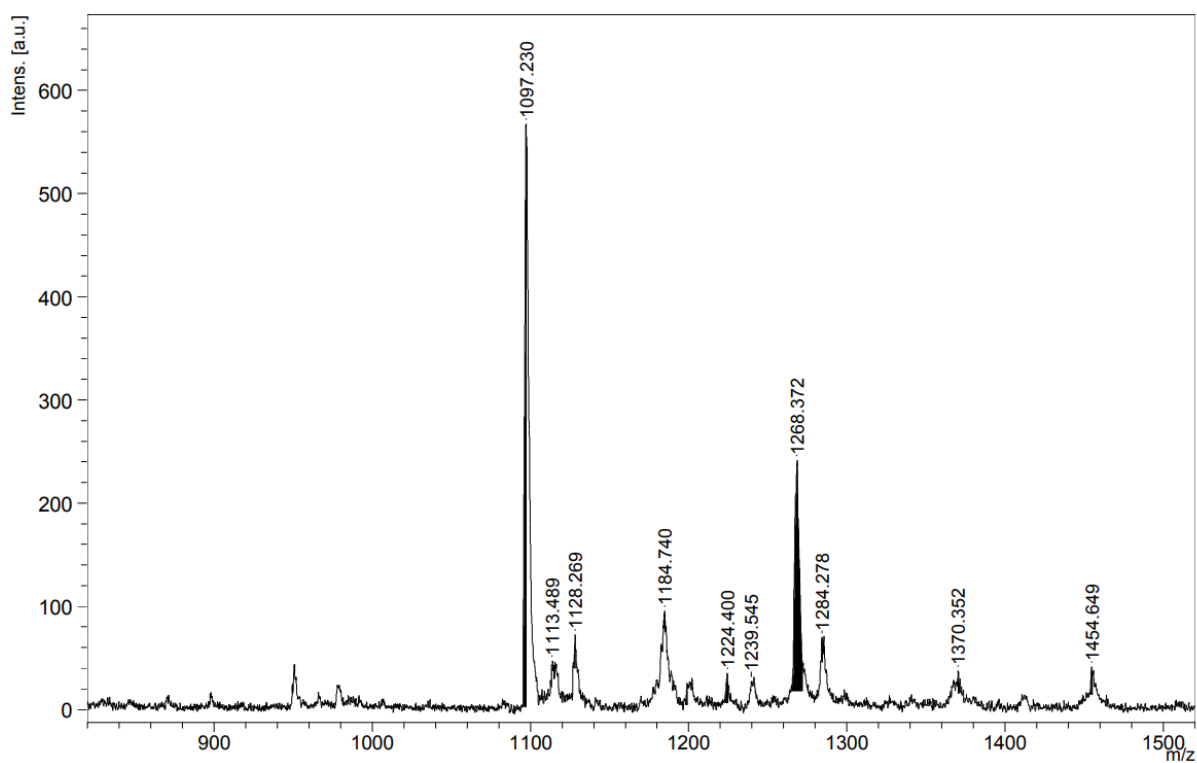
<sup>c</sup> Genome & Stem Cell Center (GENKOK), Erciyes University, TR-38280 Kayseri, Turkey.



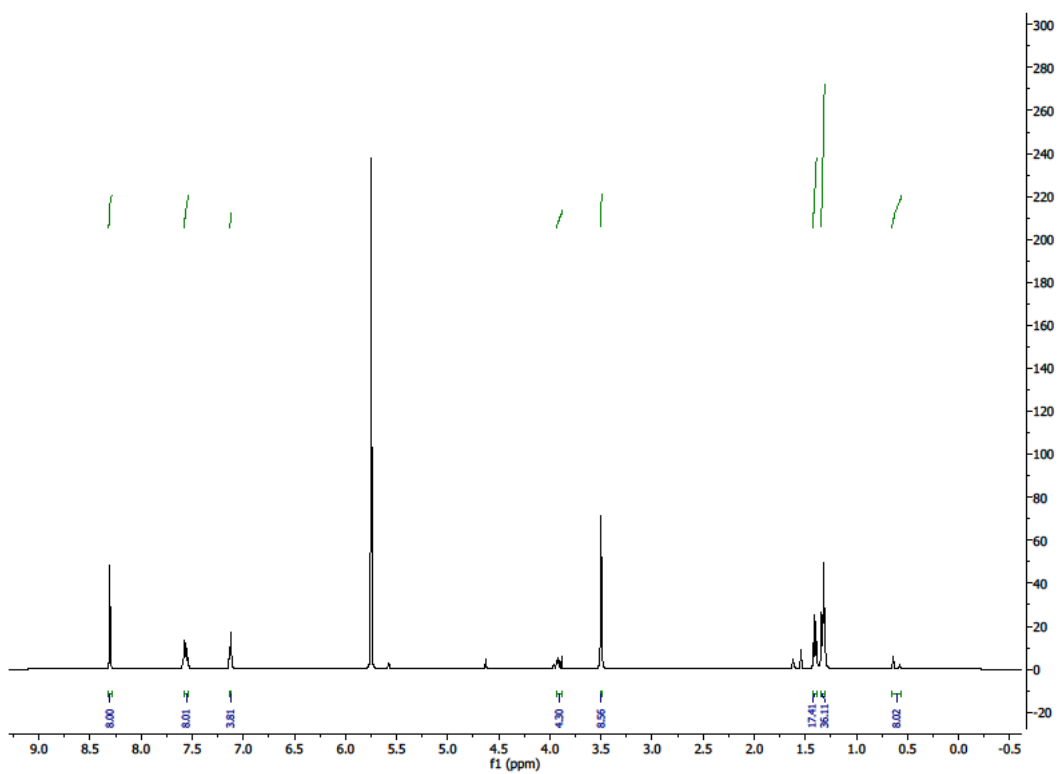
<sup>1</sup>H NMR spectrum of compound **2**



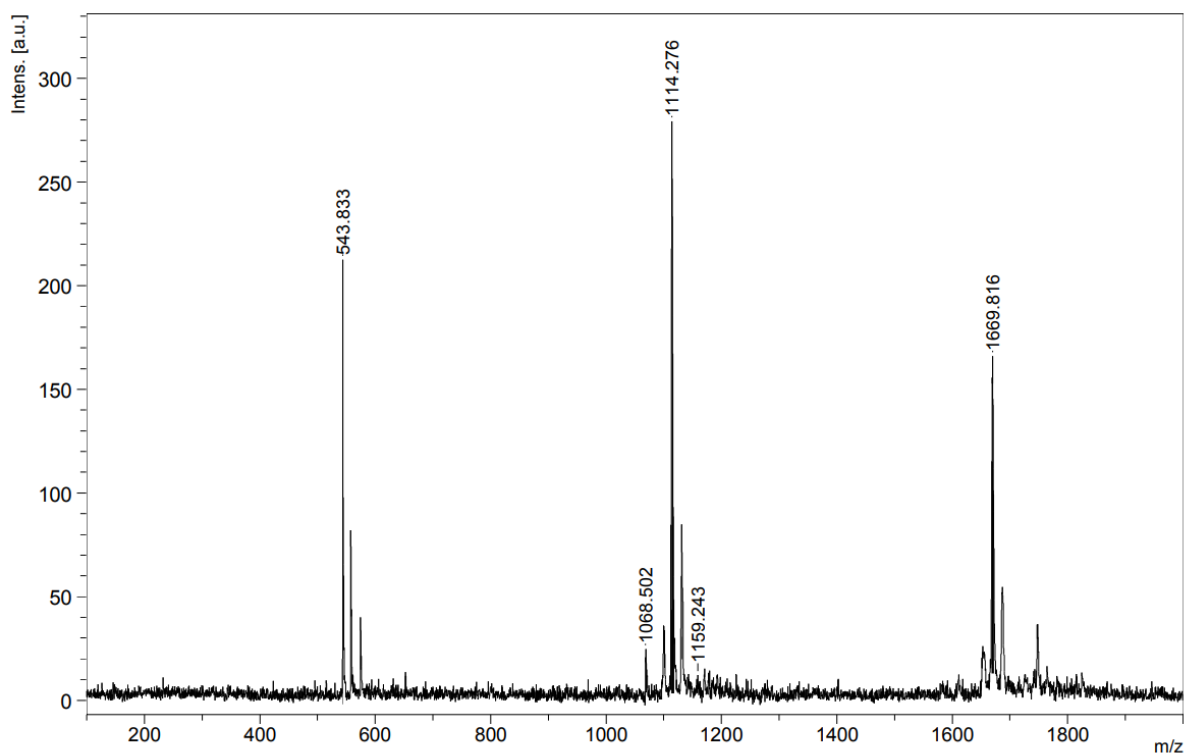
<sup>1</sup>H NMR spectrum of compound **2-Si**



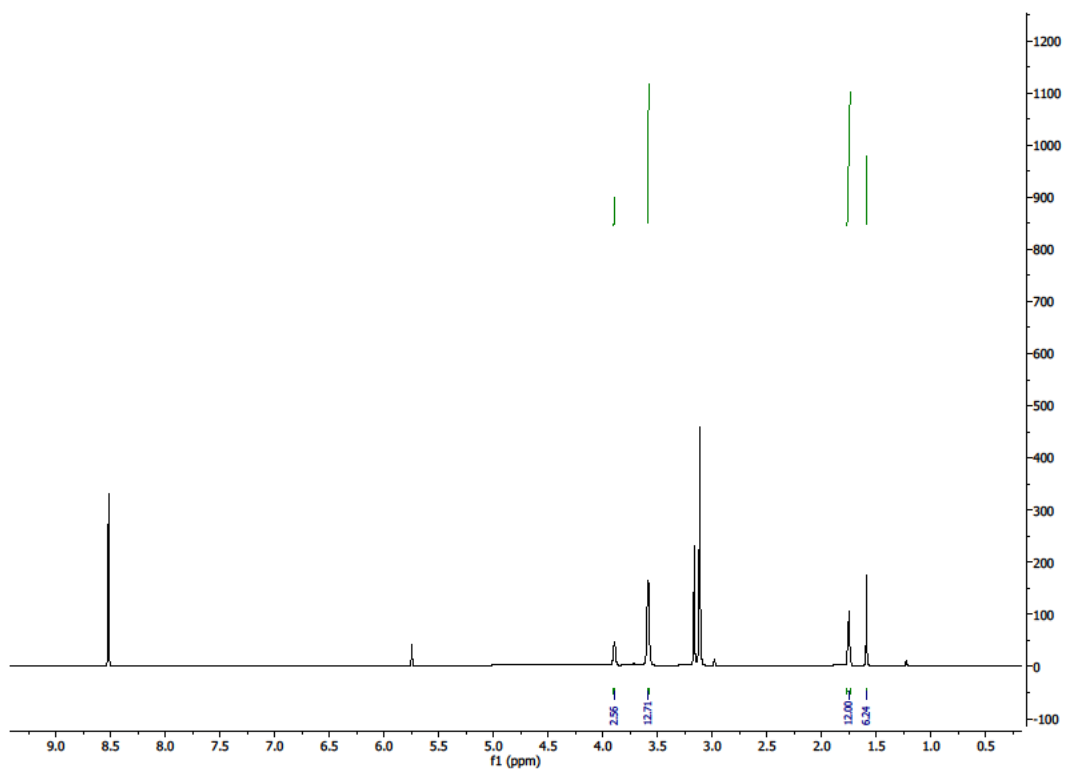
Mass spectrum of compound **2-Si**



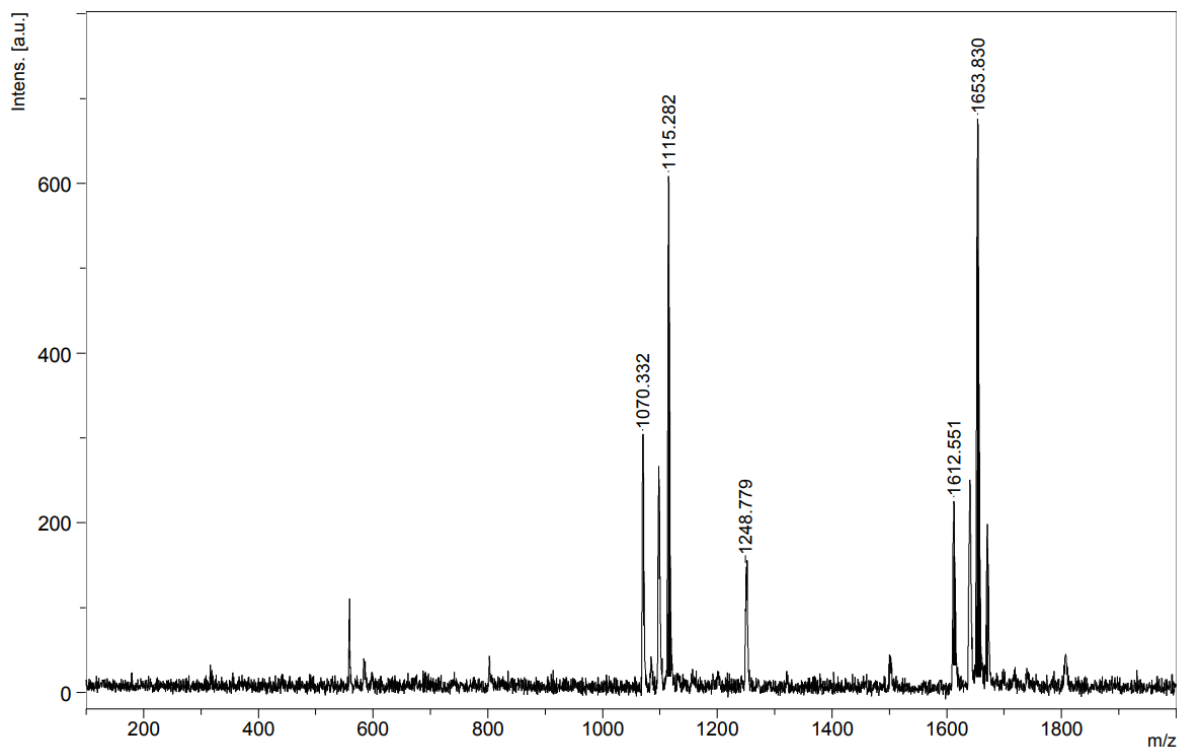
<sup>1</sup>H NMR spectrum of compound **2-QSi**



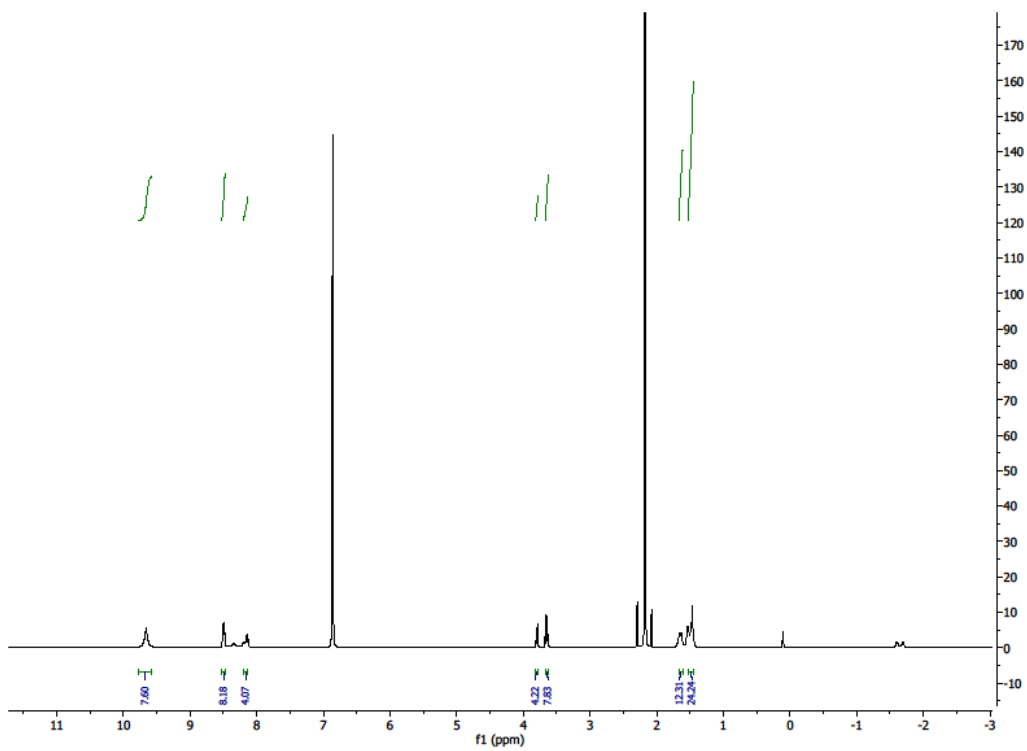
Mass spectrum of compound **2-QSi**



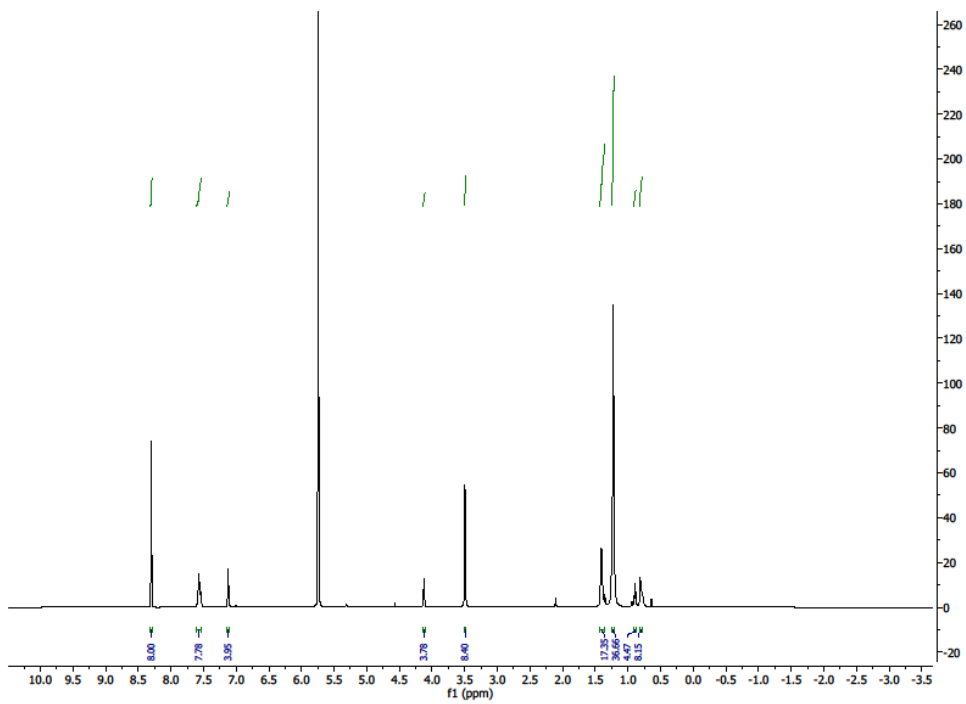
$^1\text{H}$  NMR spectrum of compound **3**



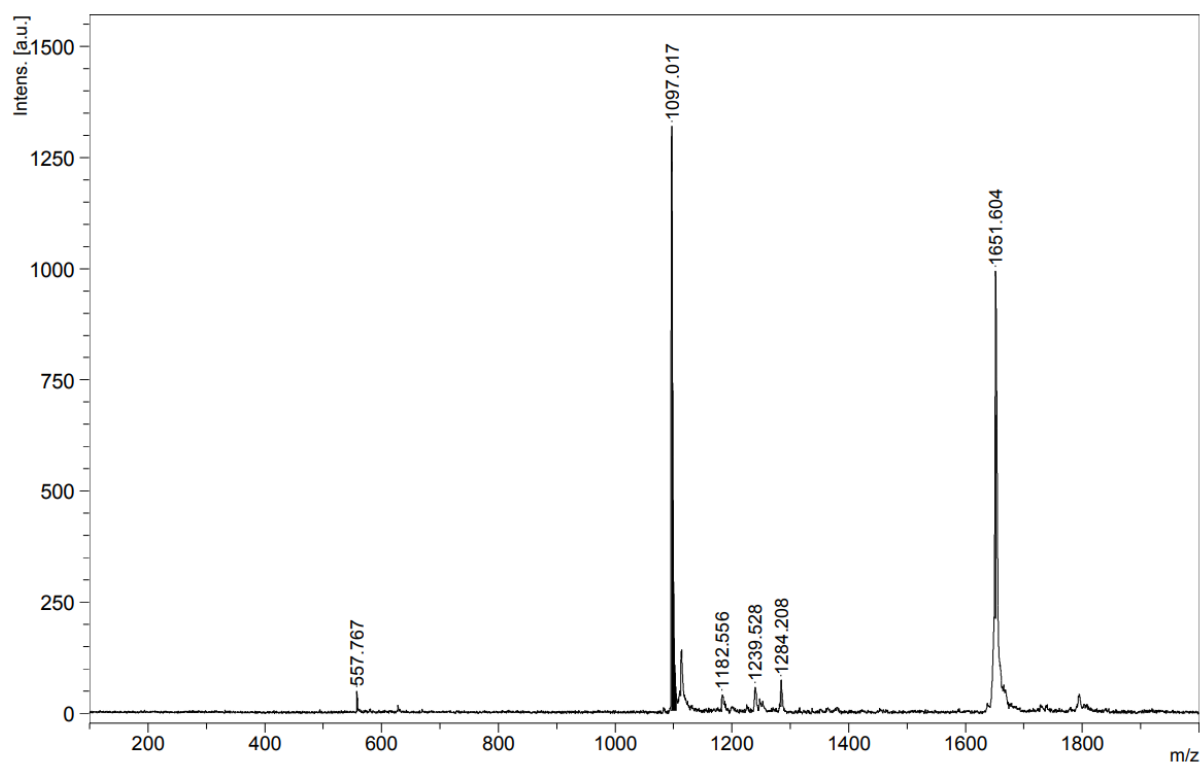
Mass spectrum of compound **3-Si**



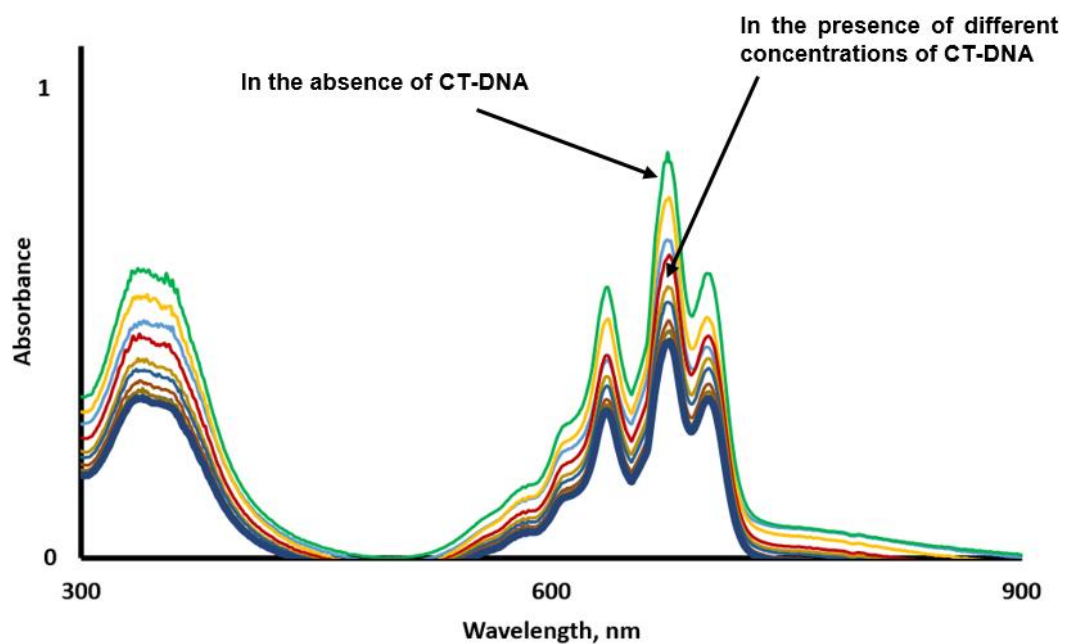
<sup>1</sup>H NMR spectrum of compound 3-Si



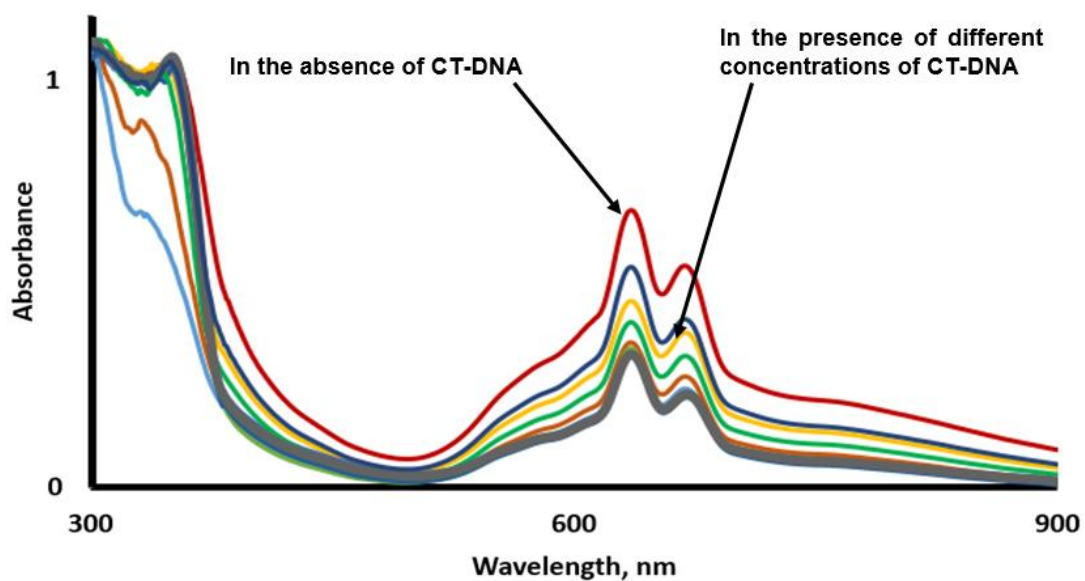
<sup>1</sup>H NMR spectrum of compound 3-QSi



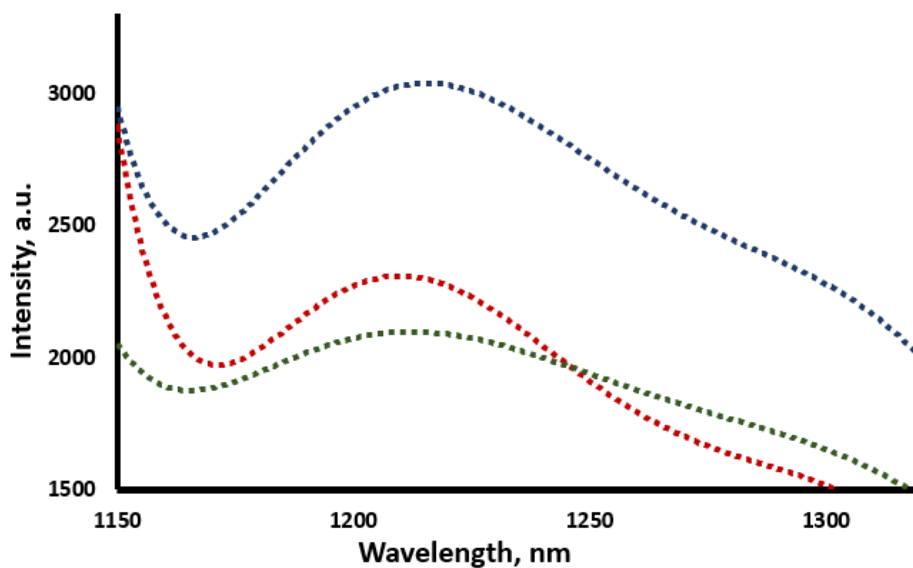
Mass spectrum of compound **3-QSi**



The UV-vis spectra of compound **2-QSi** in the absence and presence of different concentrations of CT-DNA (0.25-2 mg/mL)



The UV-vis spectra of compound **3-QSi** in the absence and presence of different concentrations of CT-DNA (0.25-2 mg/mL)



Singlet oxygen phosphorescence with sensitization of compounds (**1-3-QSi**) in DMSO (**1-QSi**: green; **2-QSi**: red; **3-QSi**: blue).