

The First Selenoanhydride in the Series of Chlorophyll a Derivatives, Its Stability and Photoinduced Cytotoxicity

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Instrumental procedures of analysis

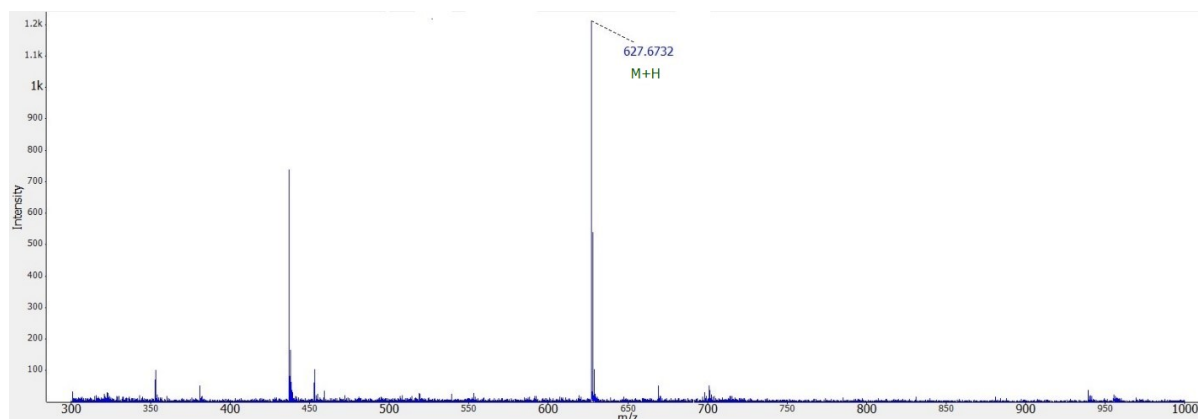


Figure S1. Mass spectrum of compound 4.

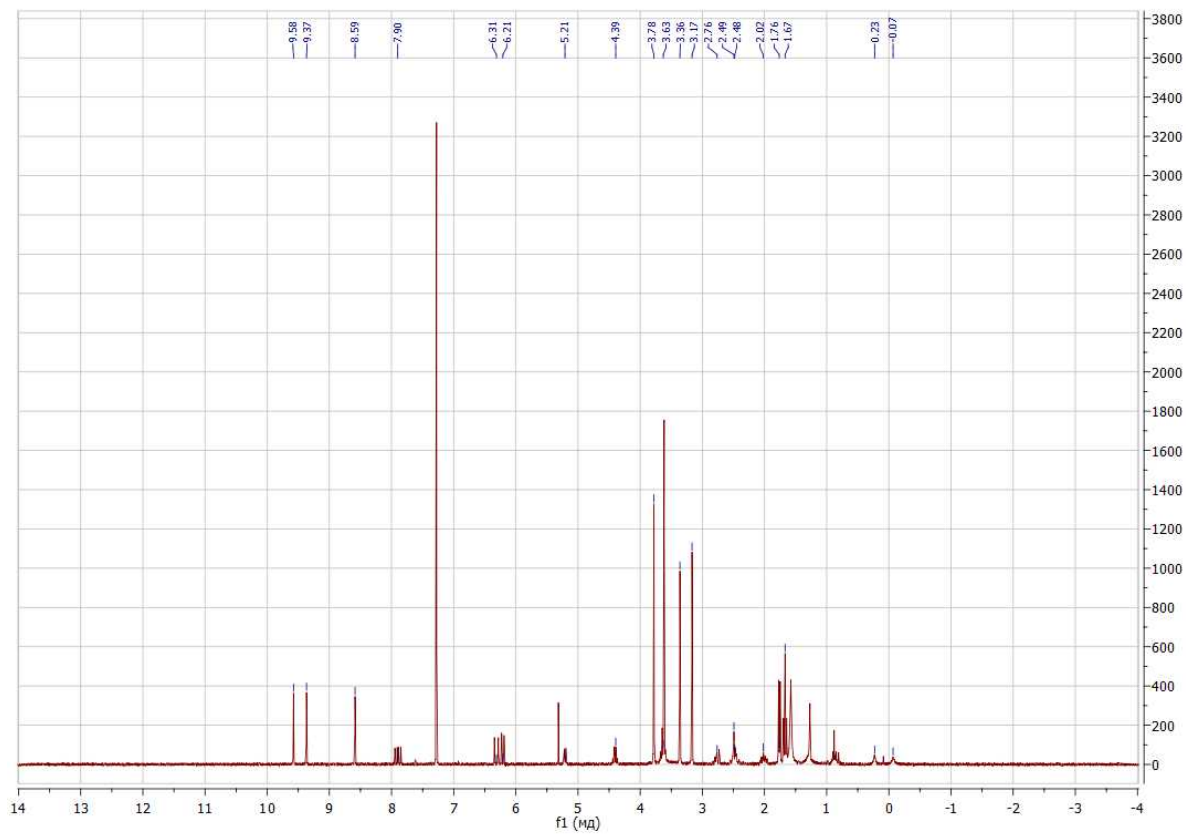


Figure S2. ^1H NMR spectrum of compound 4.

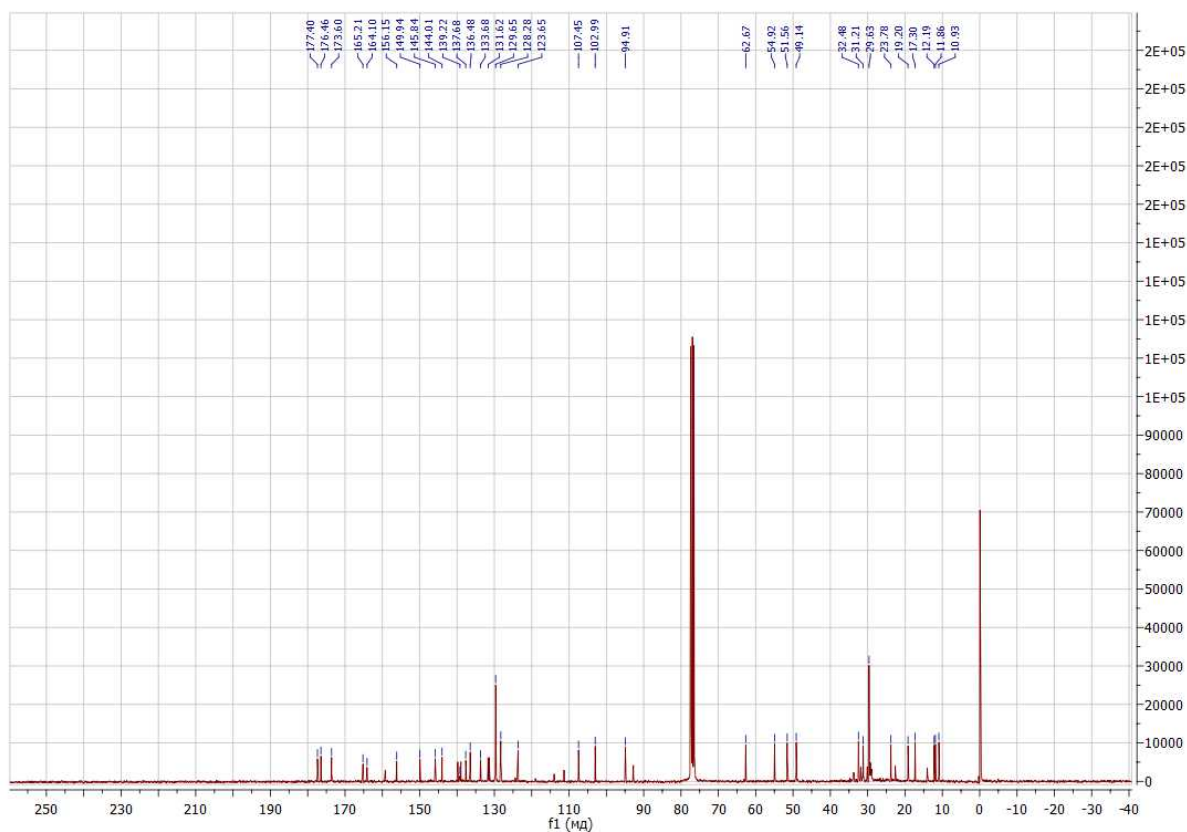


Figure S3. ^{13}C NMR spectrum of compound **4**.

Photoinduced and dark activity of compounds **1**, **3**, **4**, and purpurinimide

Table S1. Photoinduced activity of compounds **1**, **3**, **4**, and purpurinimide.

Compounds	Photo-induced activity	Cytotoxic activity
	IC ₅₀ value with light exposure, $\mu\text{g/ml}$	IC ₅₀ value without light exposure, $\mu\text{g/ml}$
1	0.43 \pm 0.04	8.5 \pm 1.1
purpurinimide	0.44 \pm 0.01	9.5 \pm 1.6
3	0.14 \pm 0.01	1.6 \pm 0.2
4	0.21 \pm 0.06	2.4 \pm 0.2