

SUPPLEMENTARY INFORMATION

«Novel BODIPY conjugates with terpenenoid moiety: Design, Spectral Characteristics, and Possibilities for Practical Application» by Galina. B. Guseva ¹, Elena, V. Antina ¹, Mikhail B. Berezin ¹, Liliya E. Nikitina ^{2,3}, Ilmir R. Gilfanov ^{3,4}, Roman S. Pavelyev ³, Svetlana A. Lisovskaya ^{2,3,5}, Larisa L. Frolova ⁶, Olga V. Ostolopovskaya ^{2,3}, Ilfat Z. Rakhmatullin ⁷, Vladimir V. Klochkov ⁷, Elena Yu. Trizna ³, and Airat R. Kayumov ^{3,*}✉

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NMR spectra were recorded on a Bruker AVANCE-II-500 spectrometer with operating frequencies of 500 MHz (for ^1H) and 125 MHz (for ^{13}C) in CDCl_3 solvent using standard Bruker pulse programs. The numbering of atoms in the description of the NMR spectra differs from the numbering in the names of compounds.

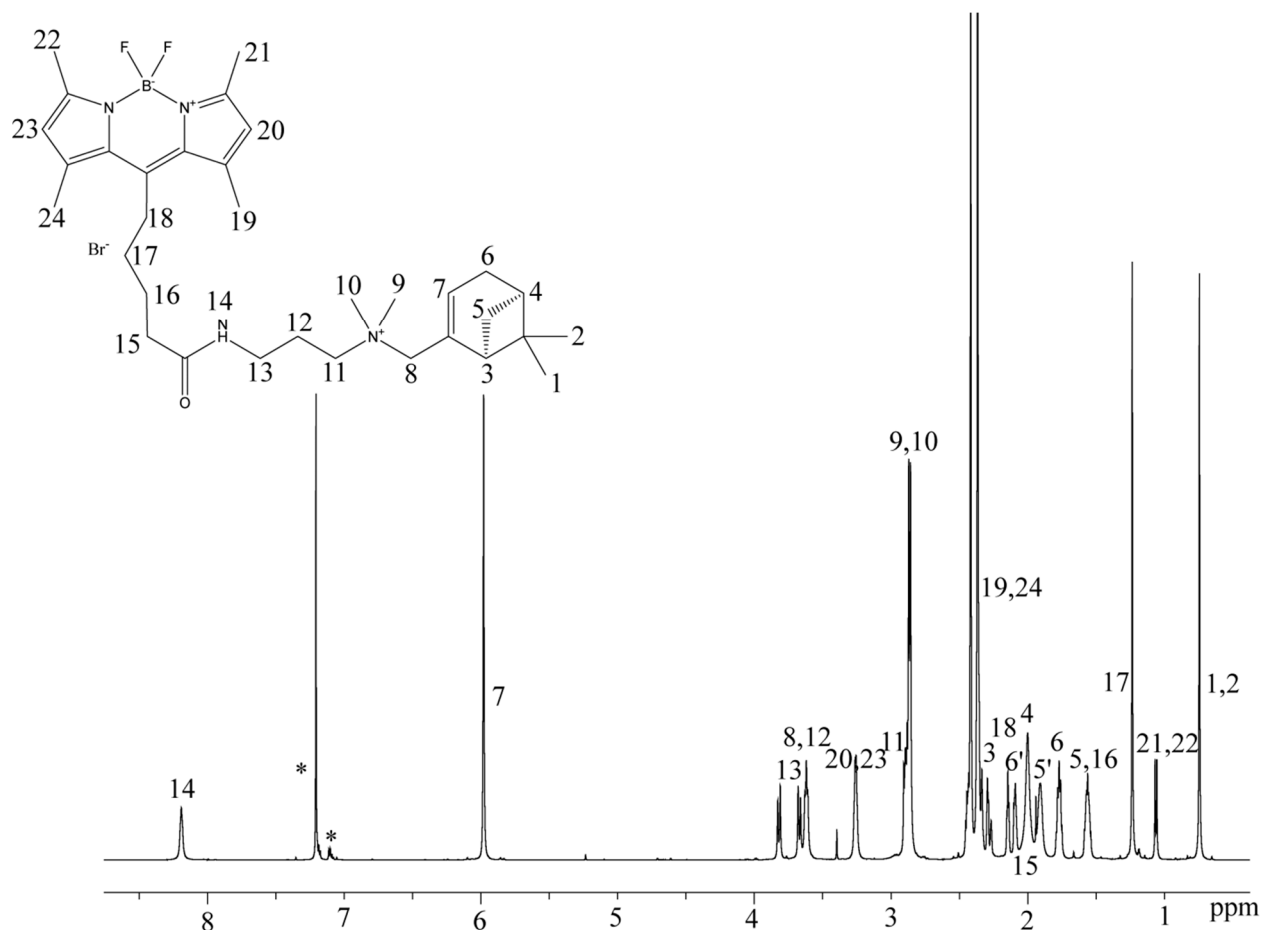


Figure S1. ^1H NMR spectrum of BF_2 -*meso*-(4-pentanamido-*N*-(((1*S*,5*R*)-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)methyl)-*N,N*-dimethylpropan-1-aminium)-3,3',5,5'-tetramethyl-2,2'-dipyrrromethene bromide (**10**) in CDCl_3 .

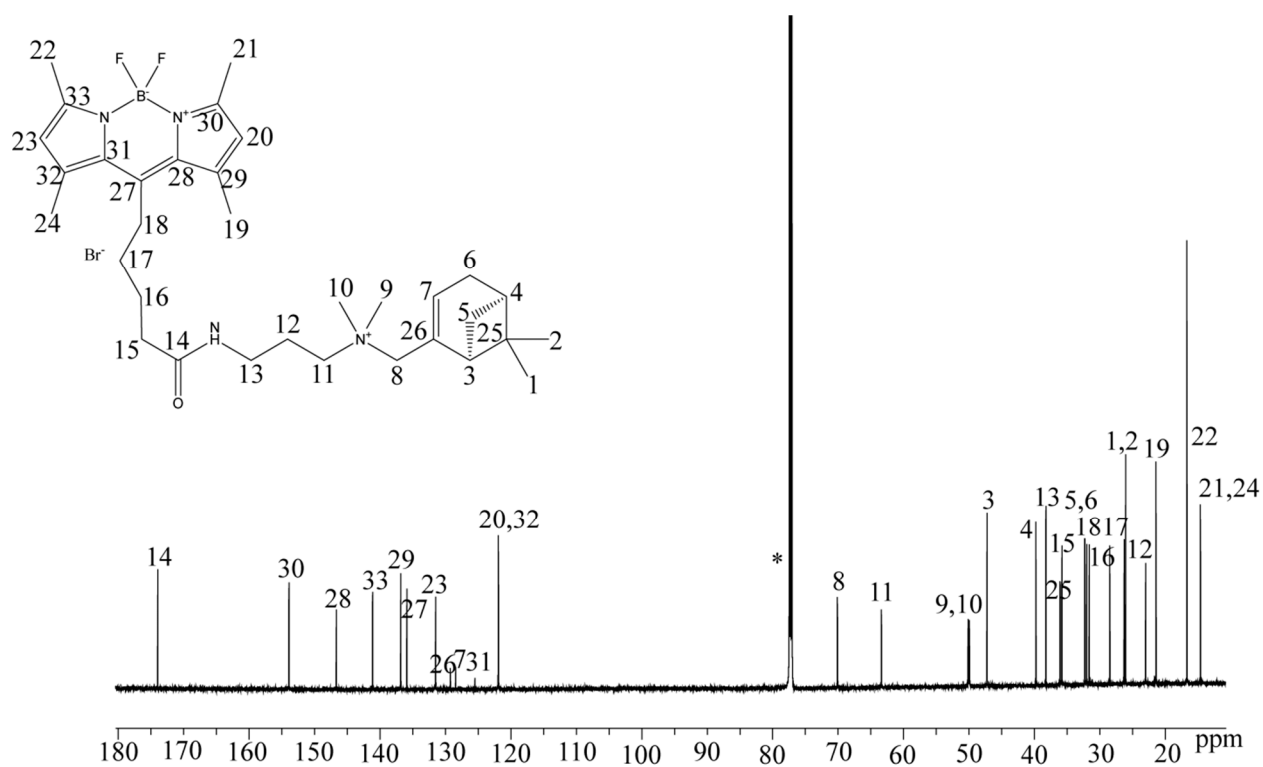


Figure S2. ^{13}C NMR spectrum of BF_2 -*meso*-(4-pentanamido-*N*-(((1*S*,5*R*)-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)methyl)-*N,N*-dimethylpropan-1-aminium)-3,3',5,5'-tetramethyl-2,2'-dipyrromethene bromide (**10**) in CDCl_3 .

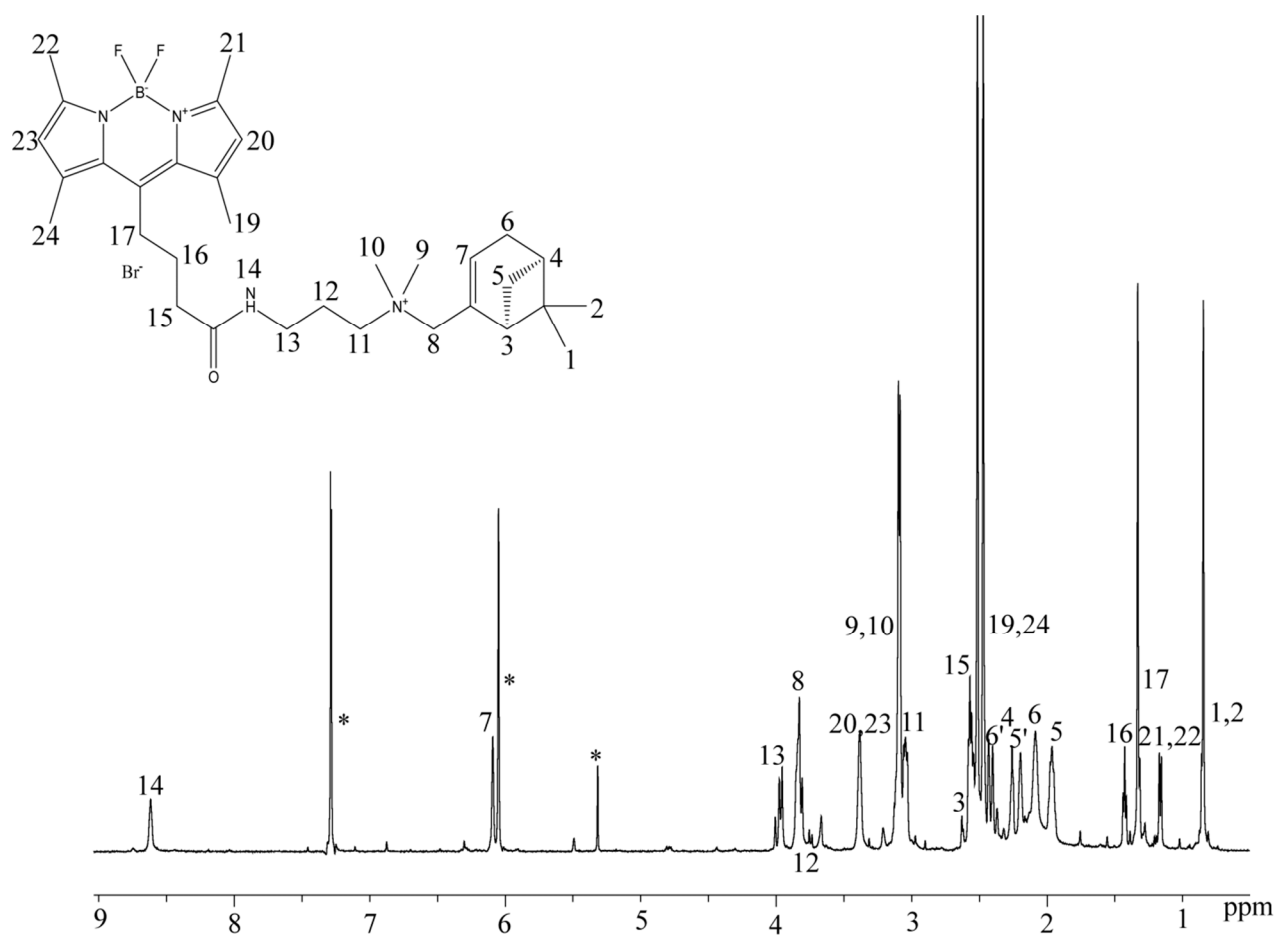


Figure S3. ^1H NMR spectrum of BF_2 -*meso*-(4-butanamido-*N*-(((1*S*,5*R*)-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)methyl)-*N,N*-dimethylpropan-1-aminium)-3,3',5,5'-tetramethyl-2,2'-dipyrrromethene bromide (**11**) in CDCl_3 .

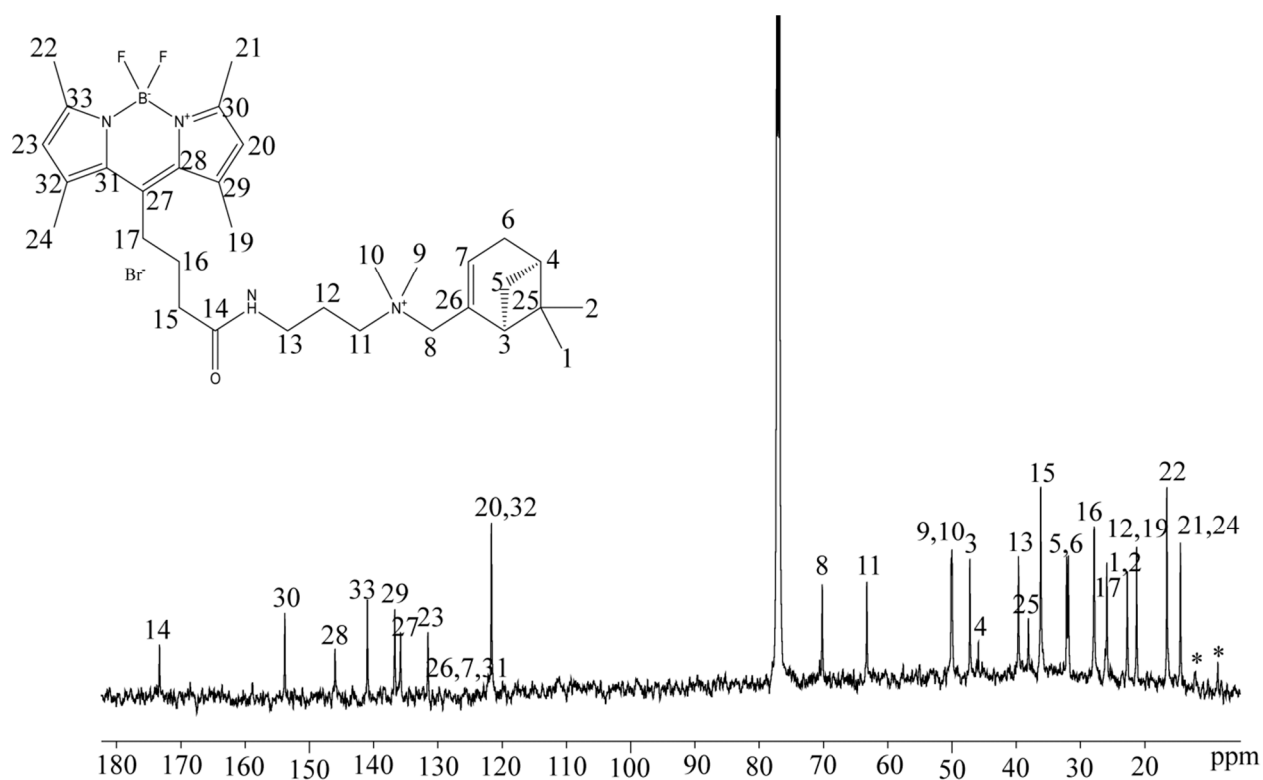


Figure S4. ^{13}C NMR spectrum of BF_2 -*meso*-(4-butanamido-*N*-(((1*S*,5*R*)-6,6-dimethylbicyclo[3.1.1]hept-2-en-2-yl)methyl)-*N,N*-dimethylpropan-1-aminium)-3,3',5,5'-tetramethyl-2,2'-dipyrromethene bromide (**11**) in CDCl_3 .