Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry.

Supporting Information

Synthesis and physical chemical properties of 2-amino-4-(trifluoromethoxy)butanoic acid – CF_3O-containing analogue of natural lipophilic amino acids.

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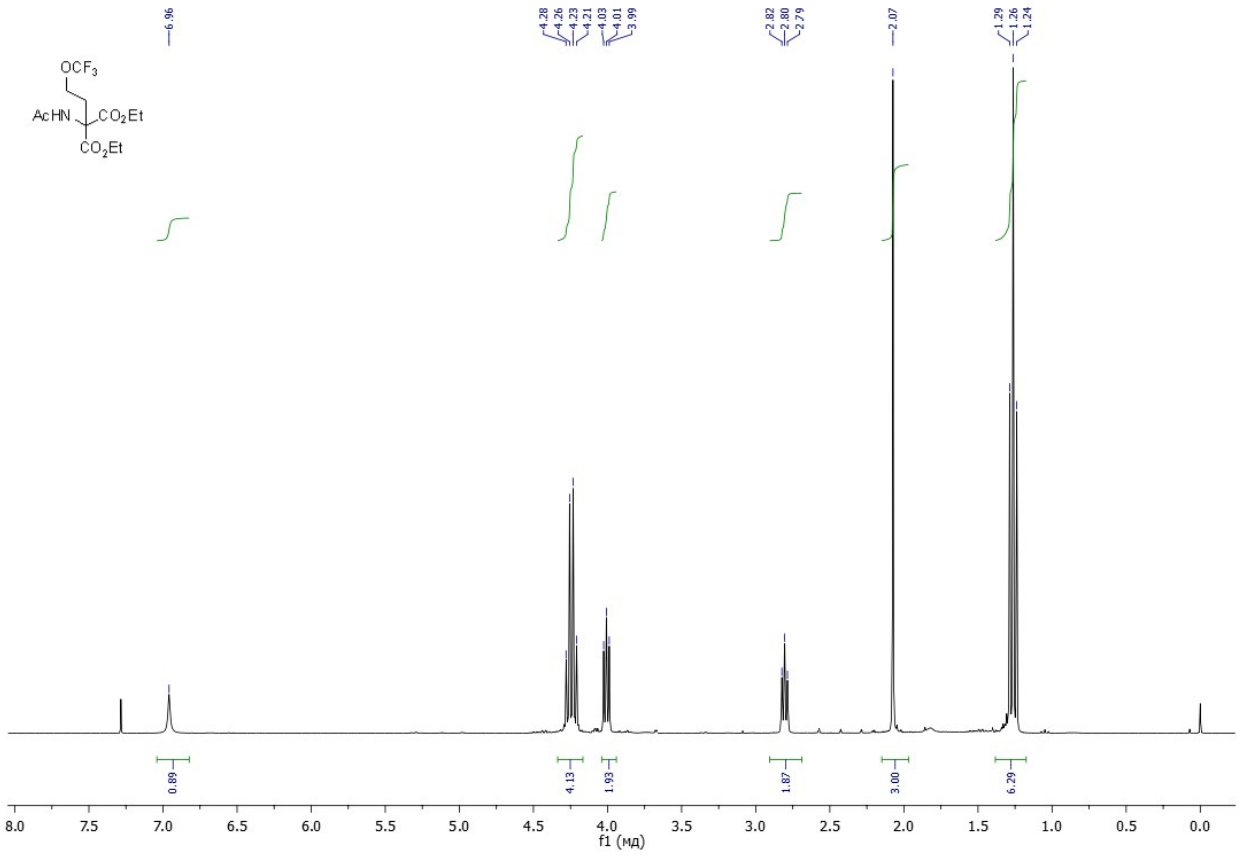
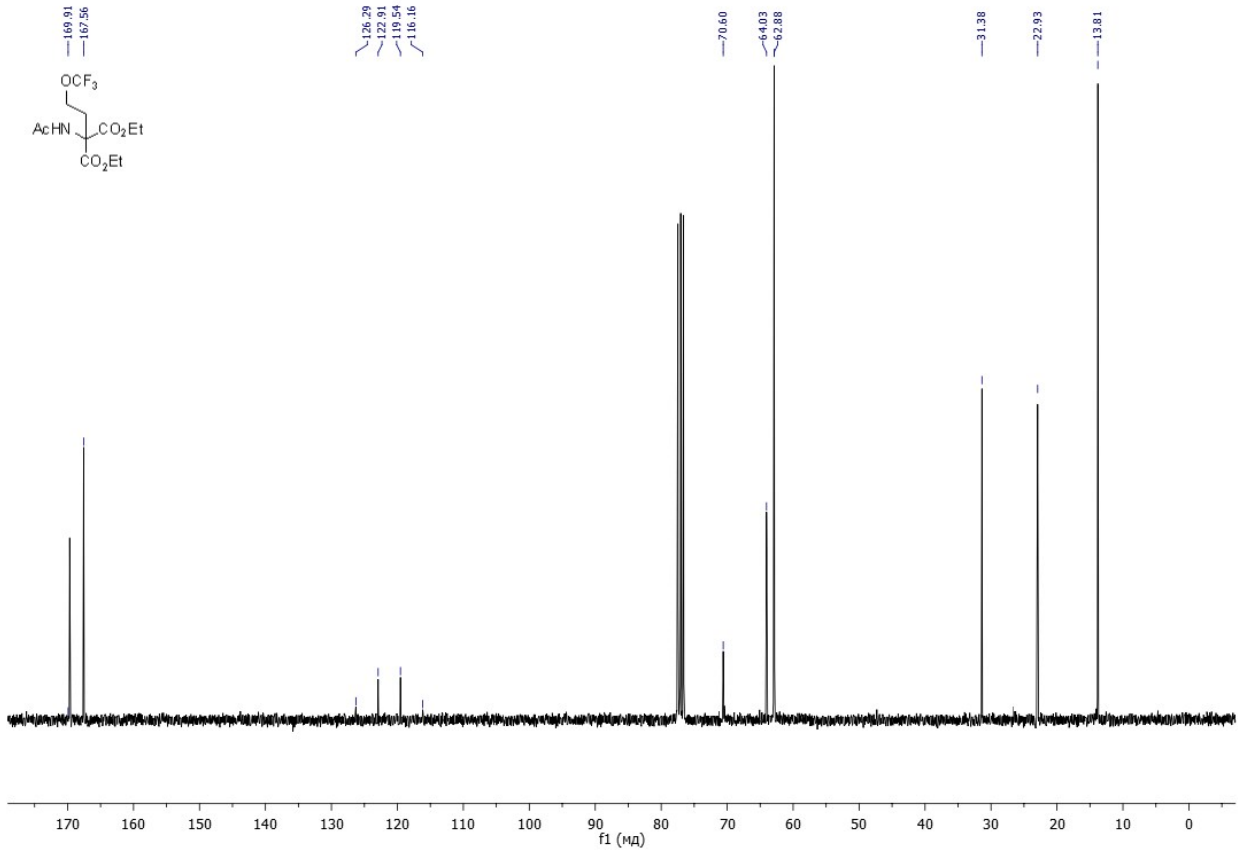
Contents

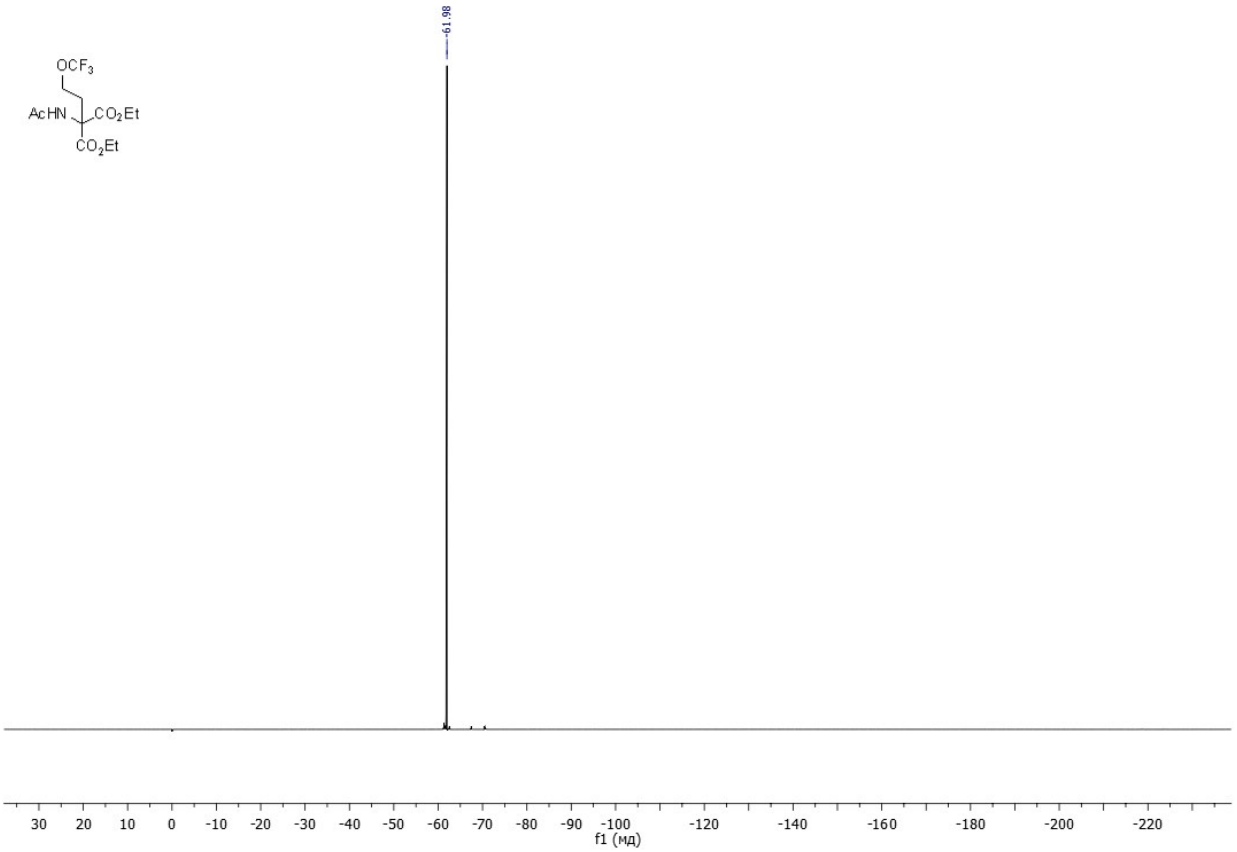
Compound 9 (^{1}H NMR, $CDCl_3$):



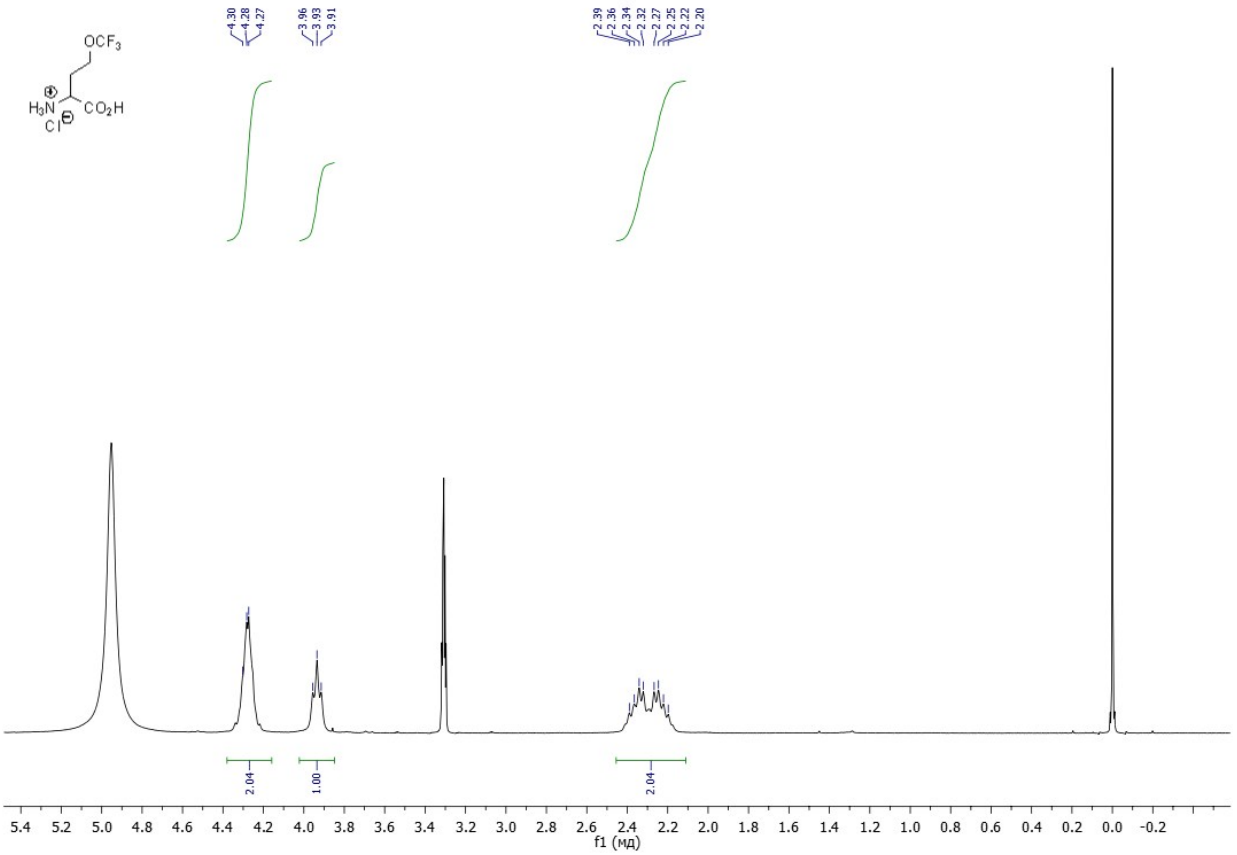
Compound 9 (^{13}C NMR, $CDCl_3$):



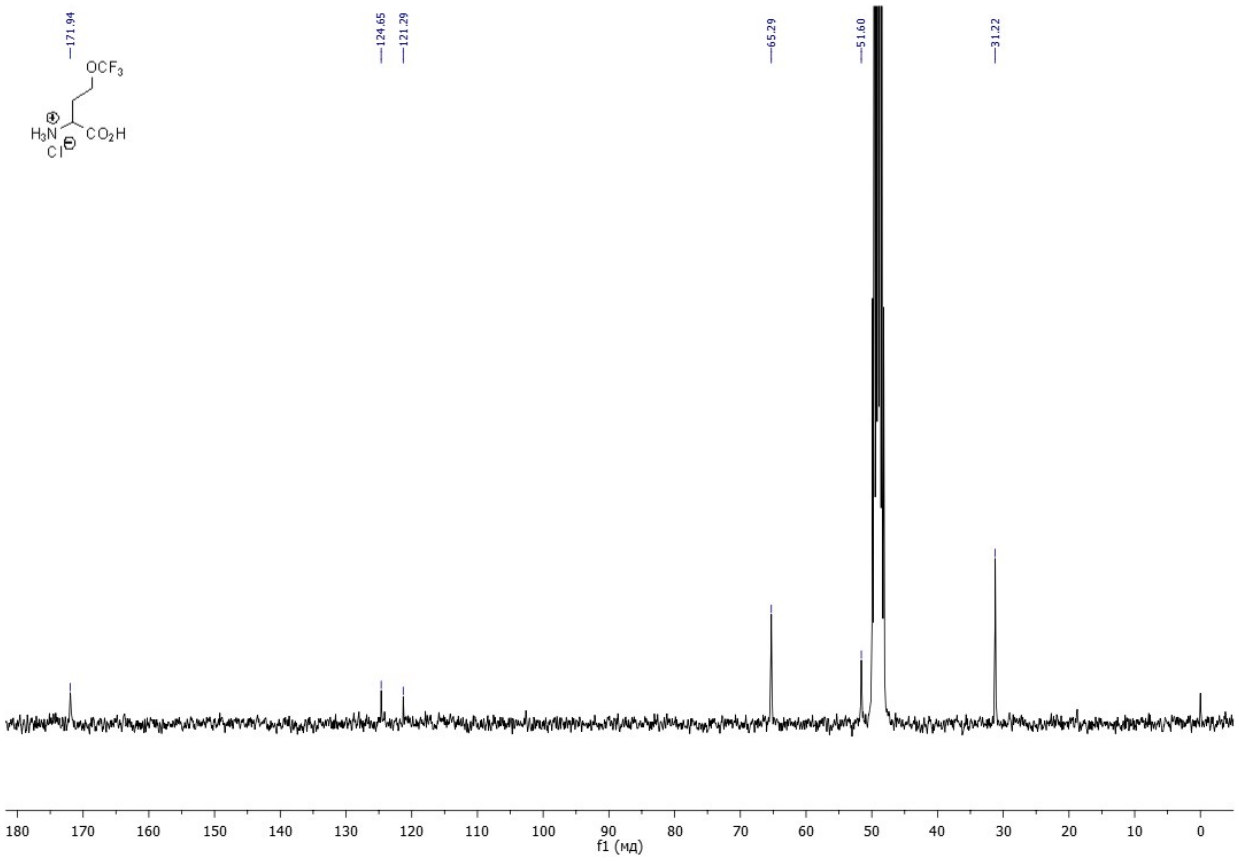
Compound 9 (^{19}F NMR, $CDCl_3$):



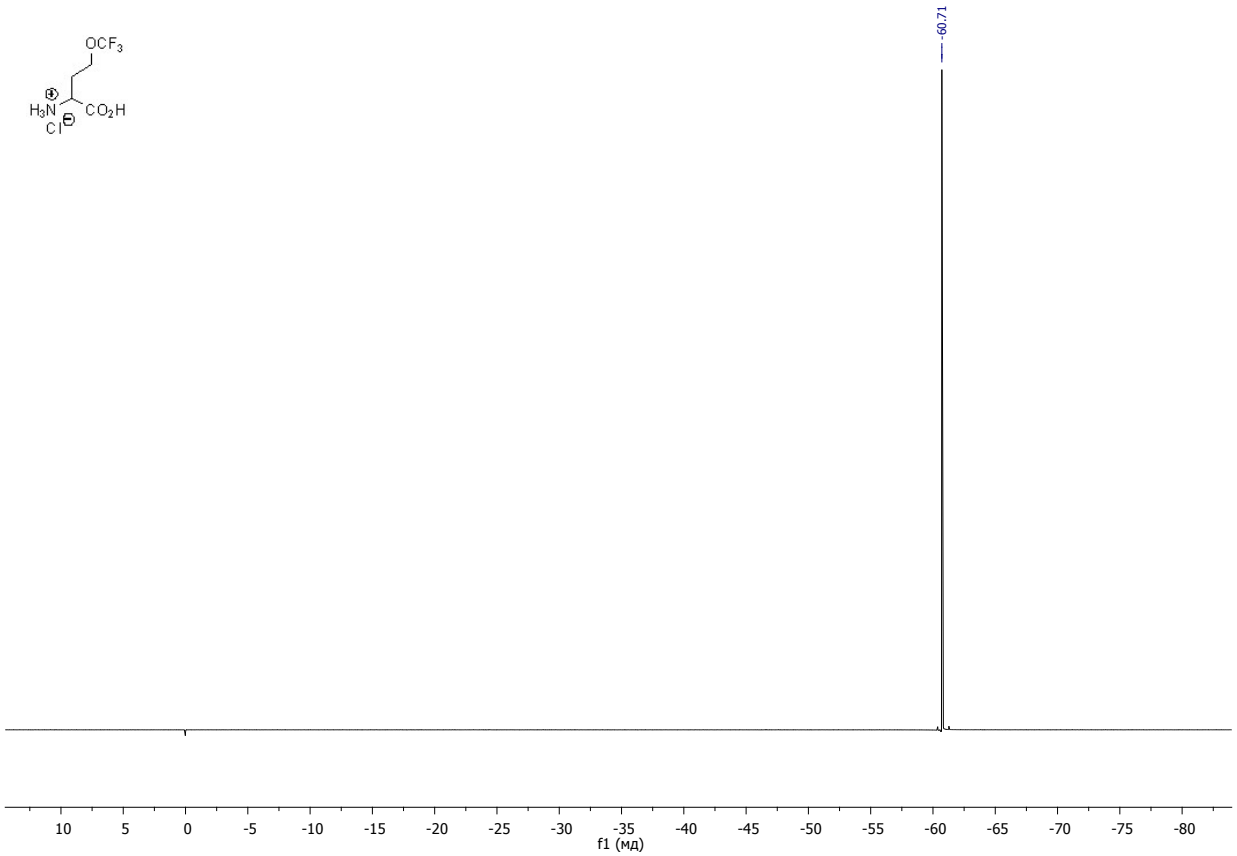
Compound 3 (^{1}H NMR, CD_3OD):



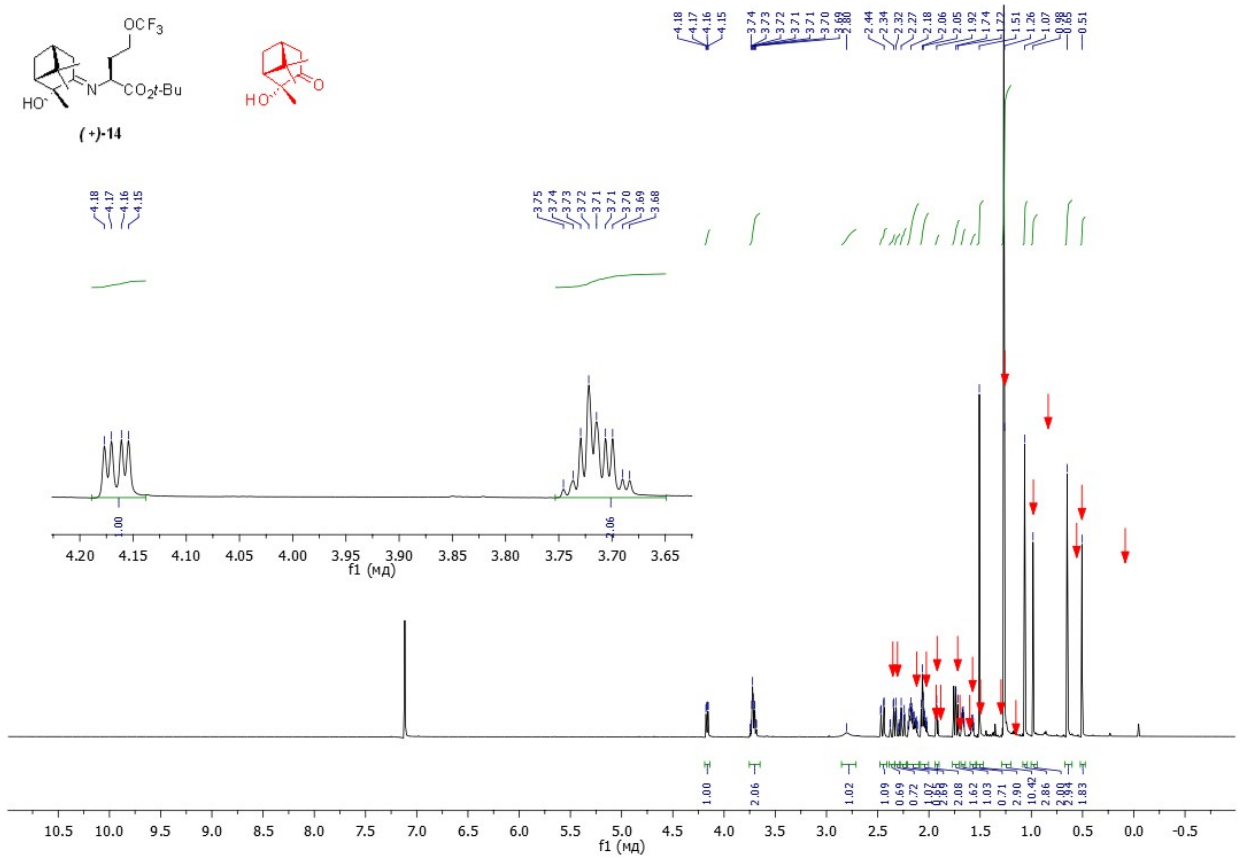
Compound 3 (^{13}C NMR, CD_3OD):



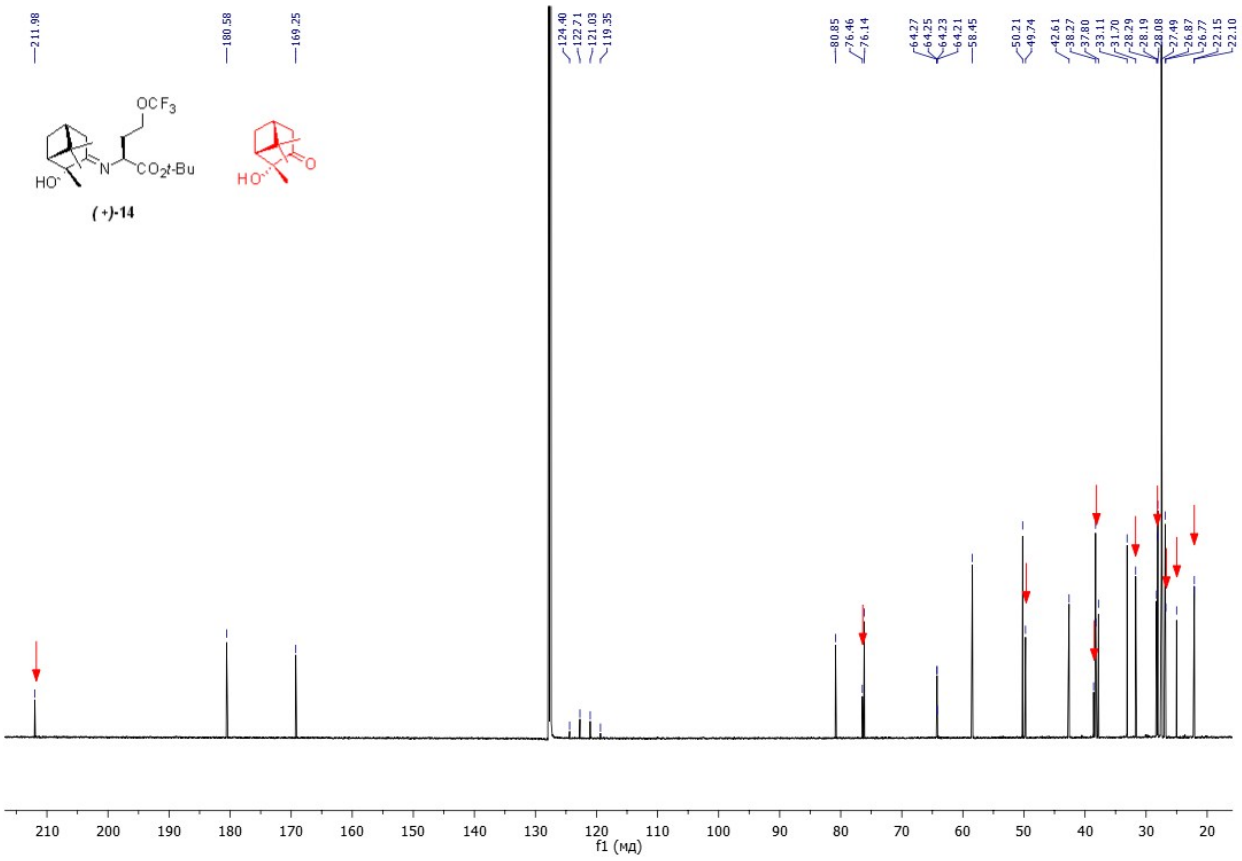
Compound 3 (^{19}F NMR, CD_3OD):



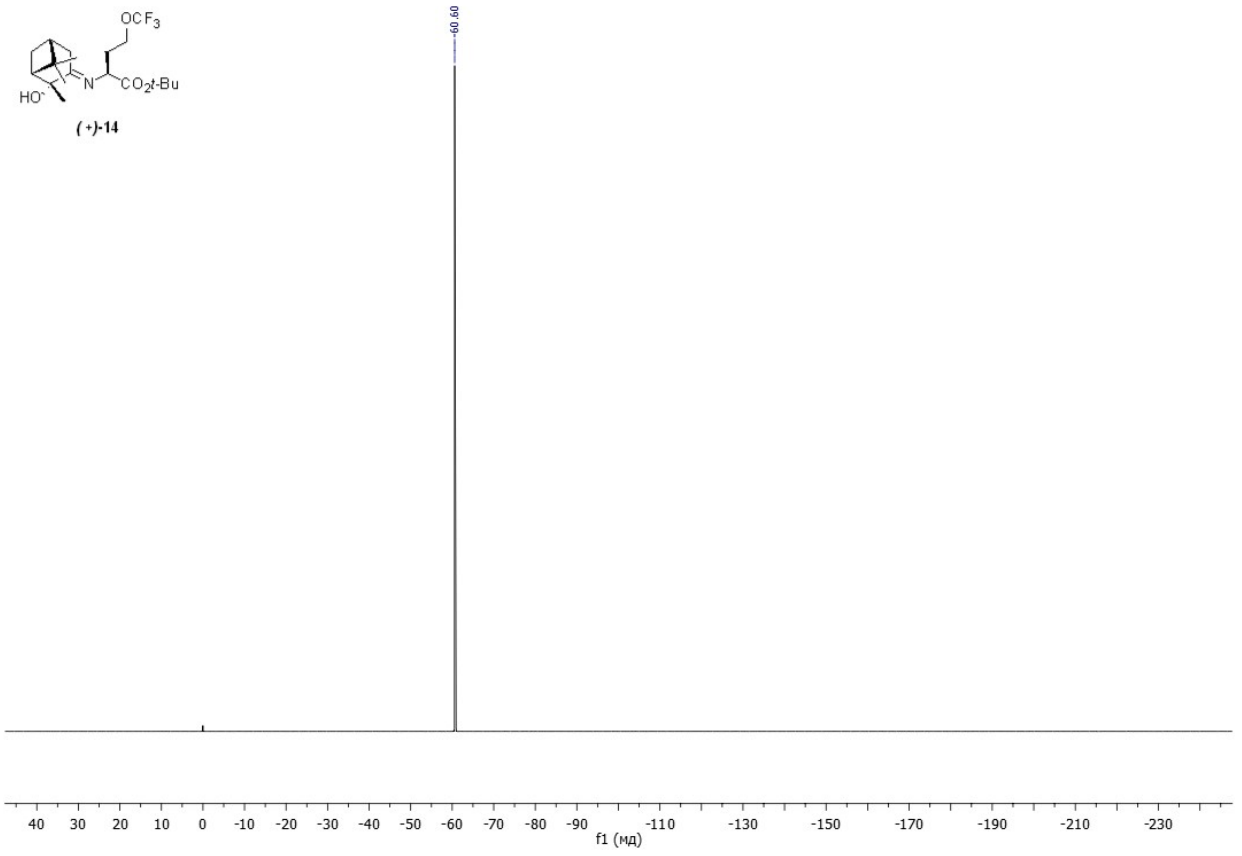
Compound *(+)*-14 (^{1}H NMR, $CDCl_3$; red arrows indicate the signals of compound ***(+)*-12):**



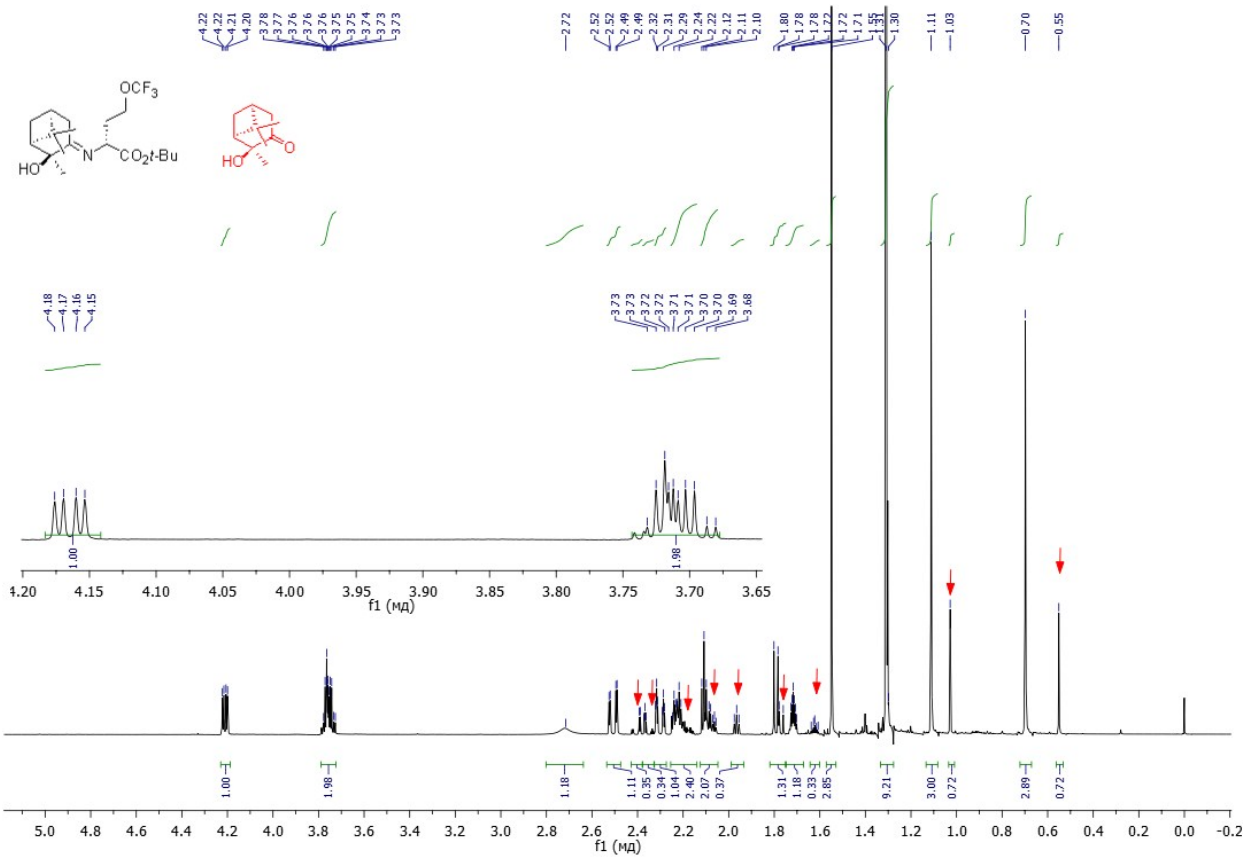
Compound *(+)*-14 (^{13}C NMR, $CDCl_3$; red arrows indicate the signals of compound ***(+)*-12):**



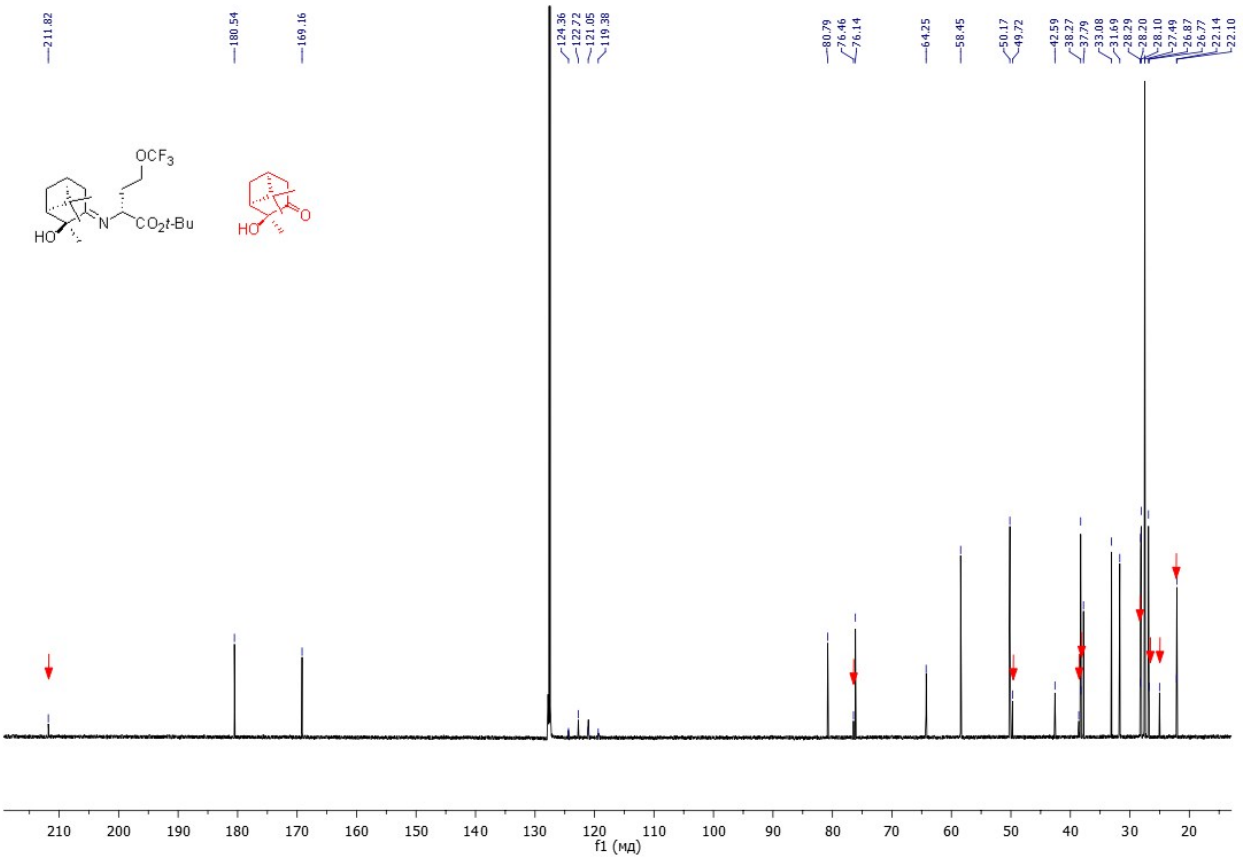
Compound *(+)*-14 (^{19}F NMR, $CDCl_3$)



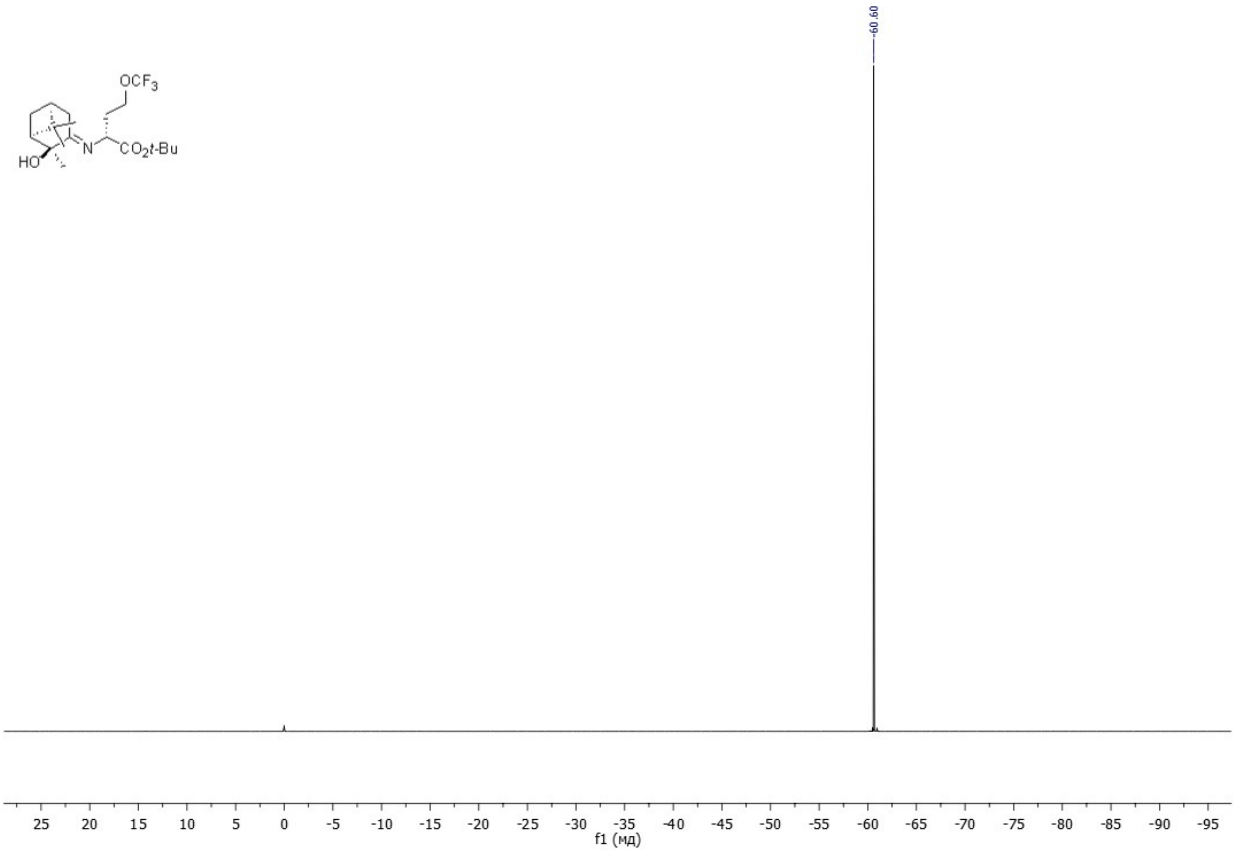
Compound *(-)*-14 (^{1}H NMR, $CDCl_3$; red arrows indicate the signals of compound ***(-)*-12):**



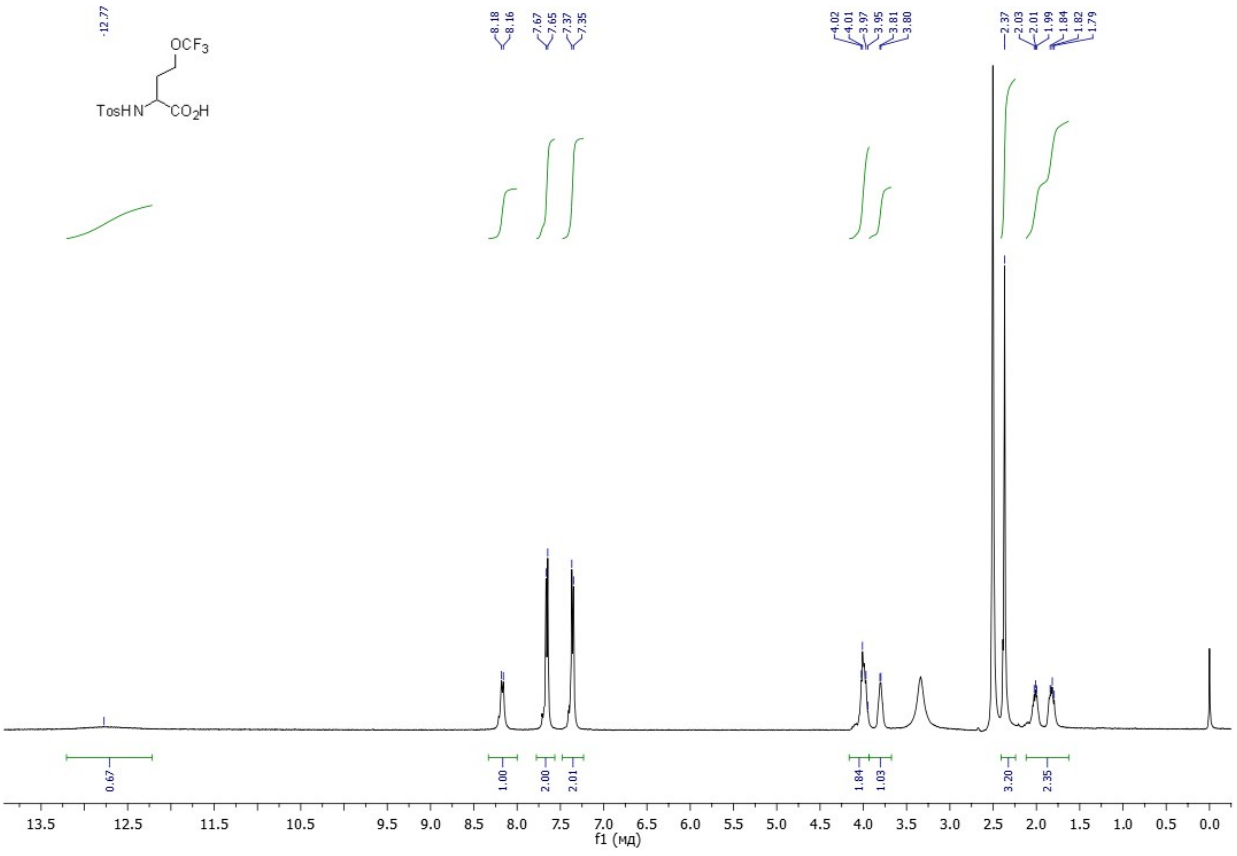
Compound *(-)*-14 (^{13}C NMR, $CDCl_3$; red arrows indicate the signals of compound ***(-)*-12):**



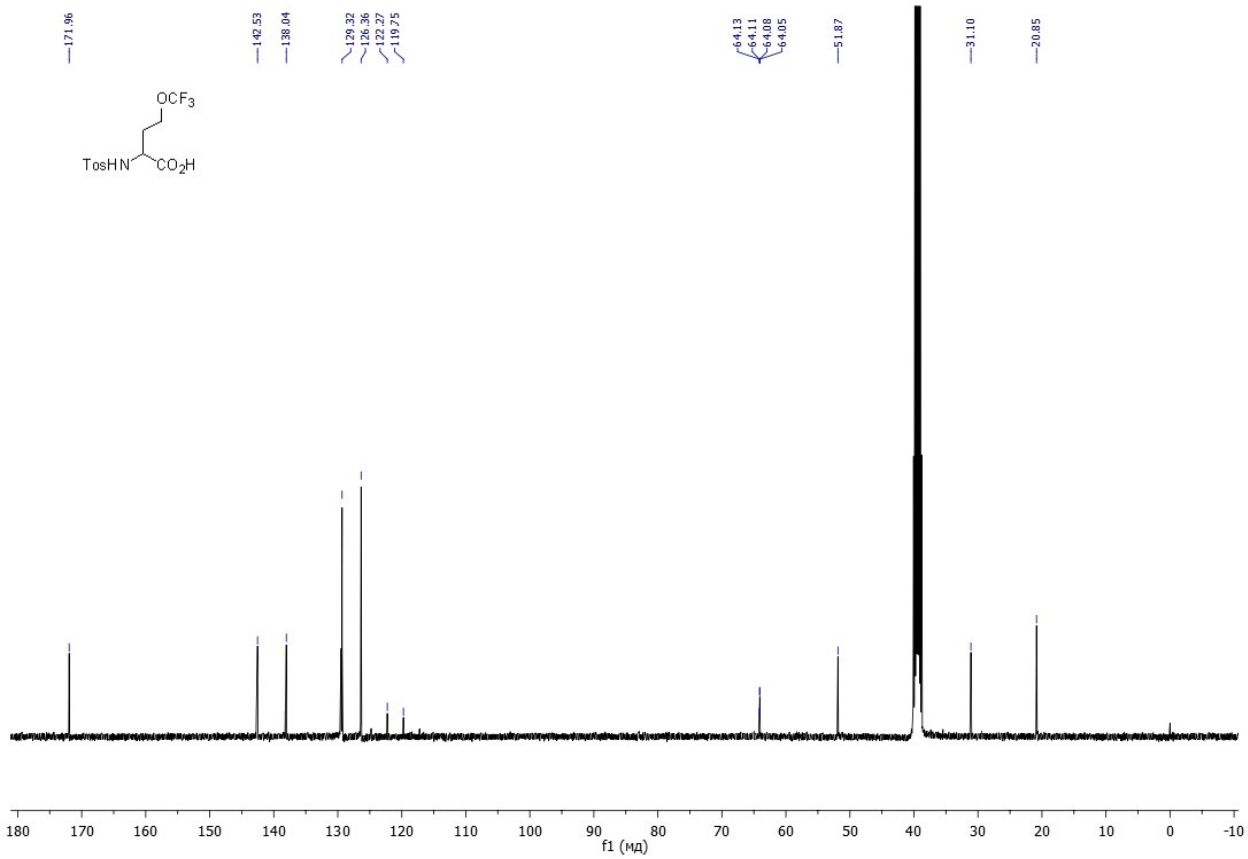
Compound *(-)*-14 (^{19}F NMR, $CDCl_3$; red arrows indicate the signals of compound ***(-)*-12):**



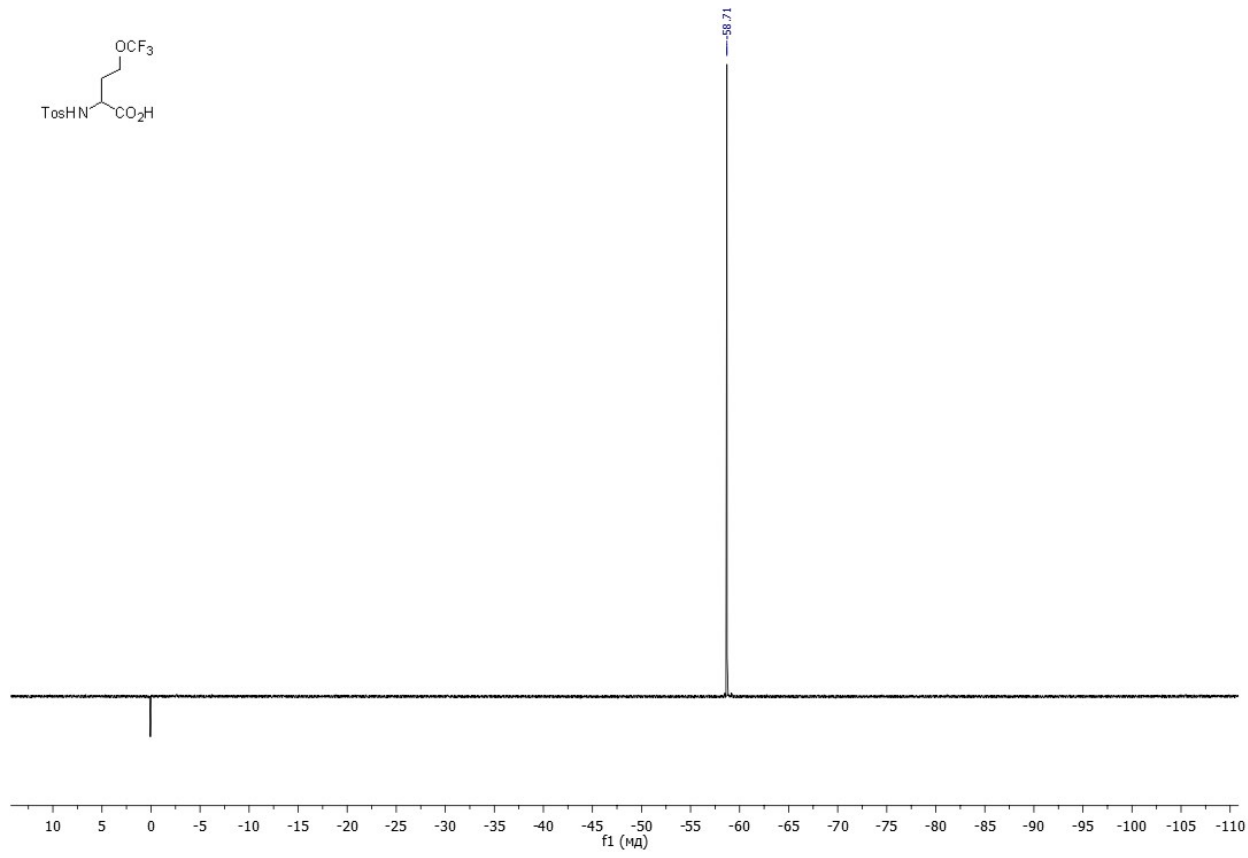
Compound 15 (^{1}H NMR, DMSO-d_6):



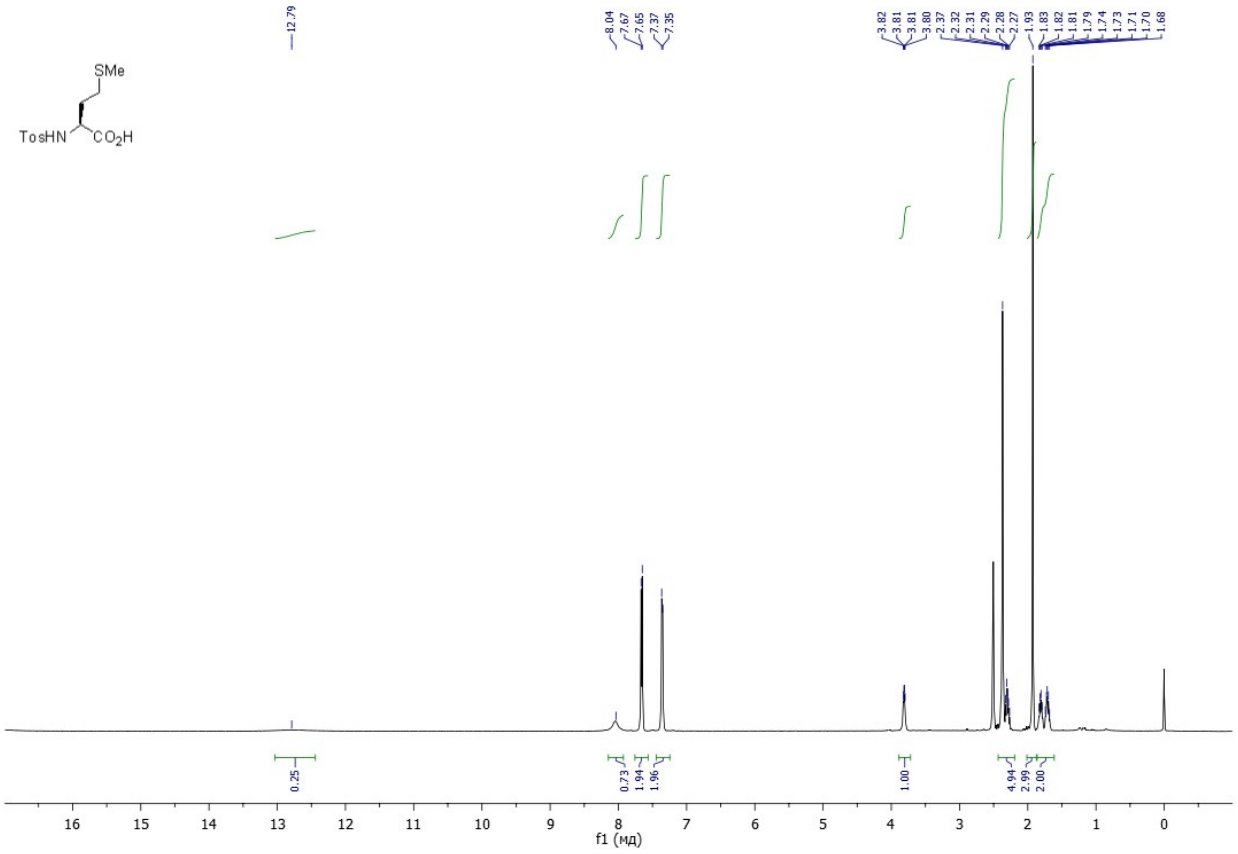
Compound 15 (^{13}C NMR, DMSO-d_6):



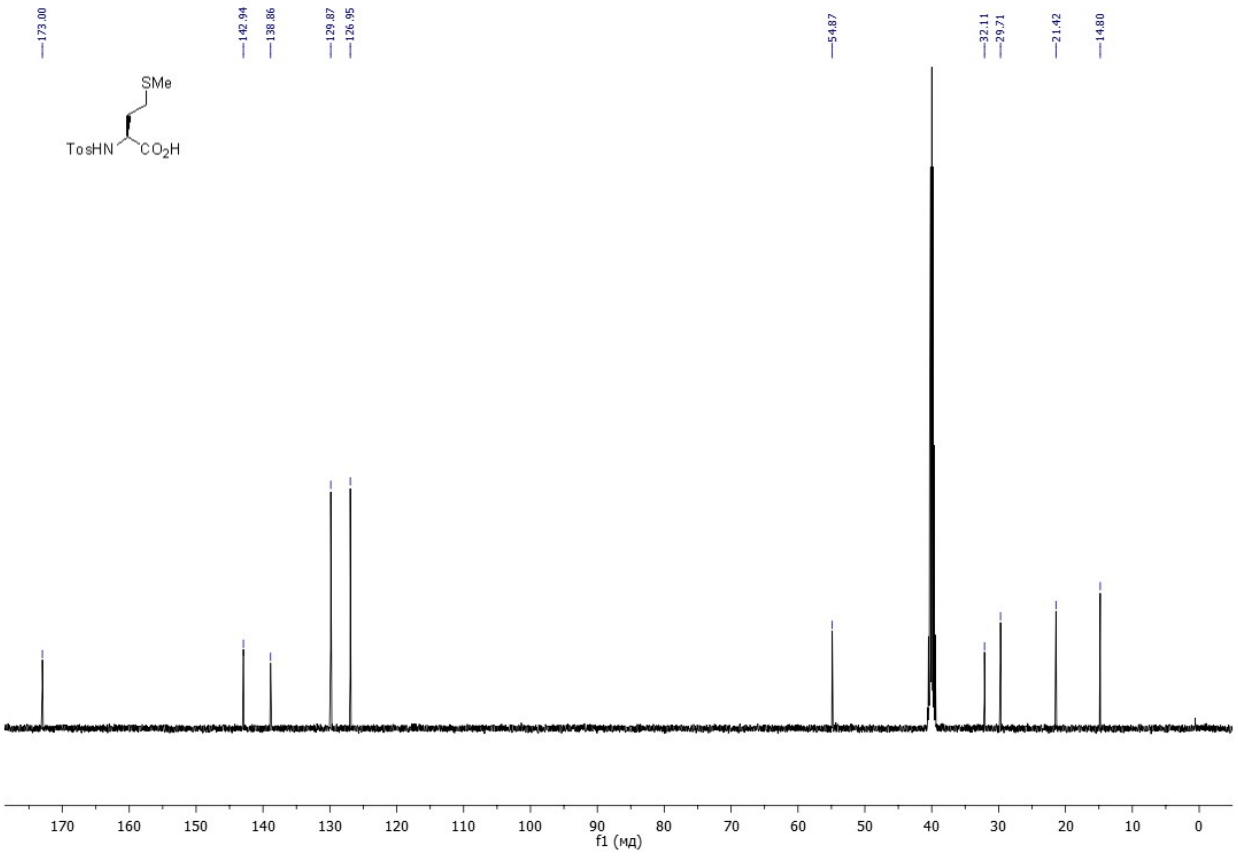
Compound 15 (^{19}F NMR, DMSO-d_6):



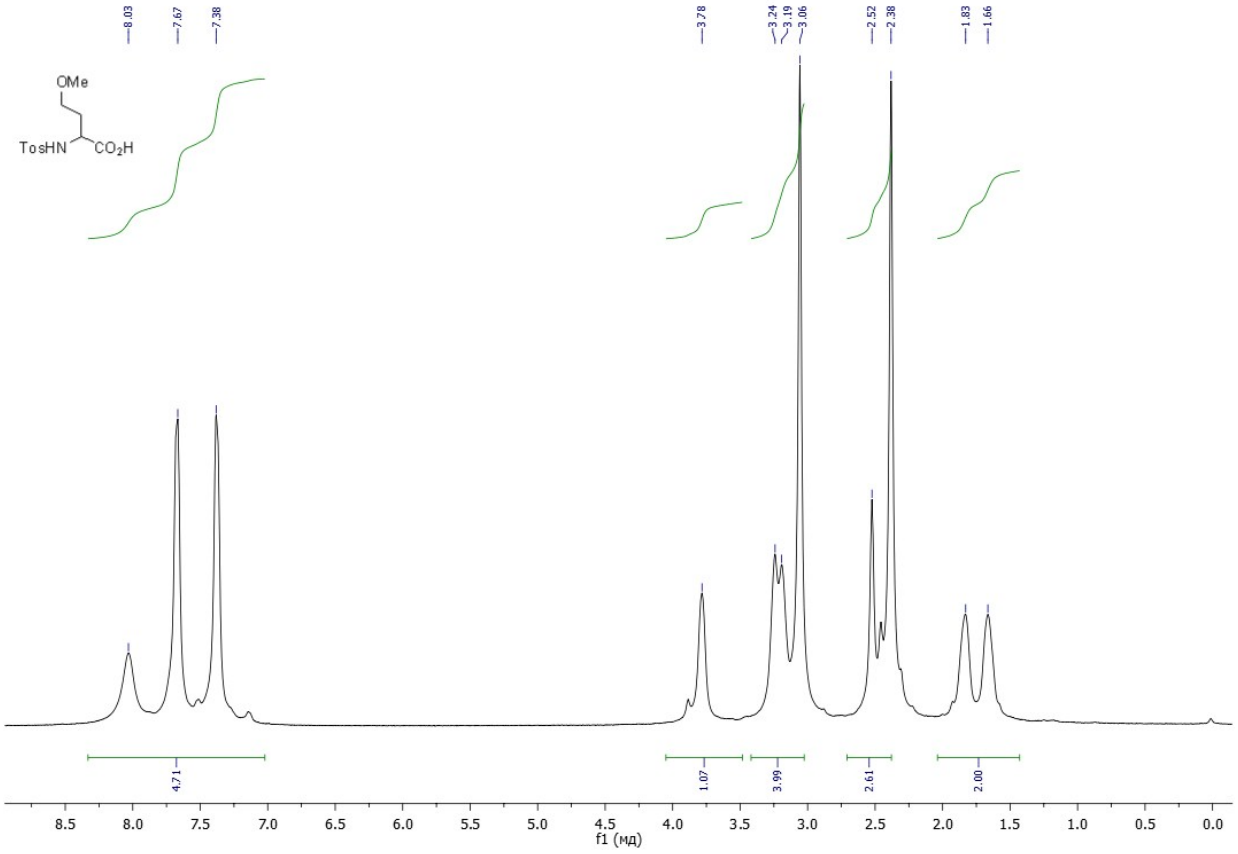
Compound 17a (^{1}H NMR, DMSO-d_6):



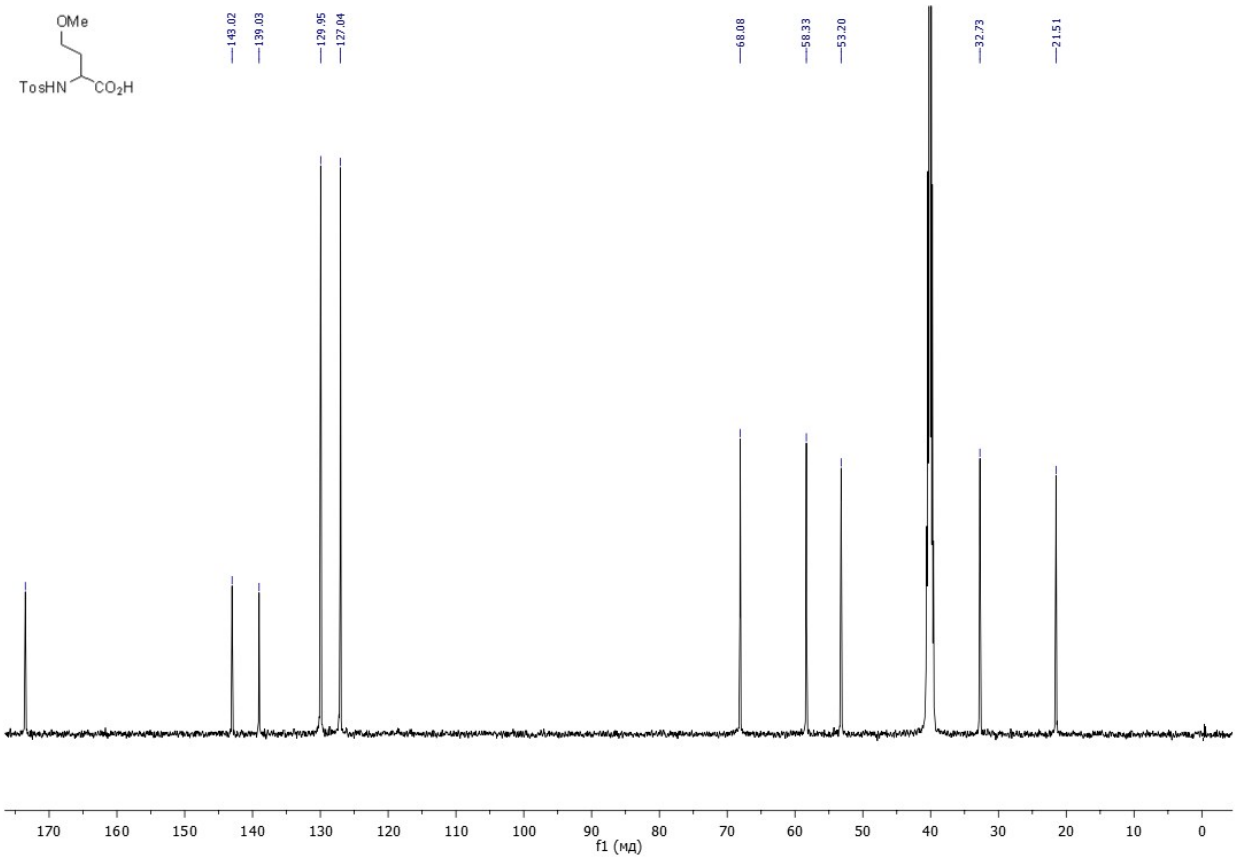
Compound 17a (^{13}C NMR, DMSO-d_6):



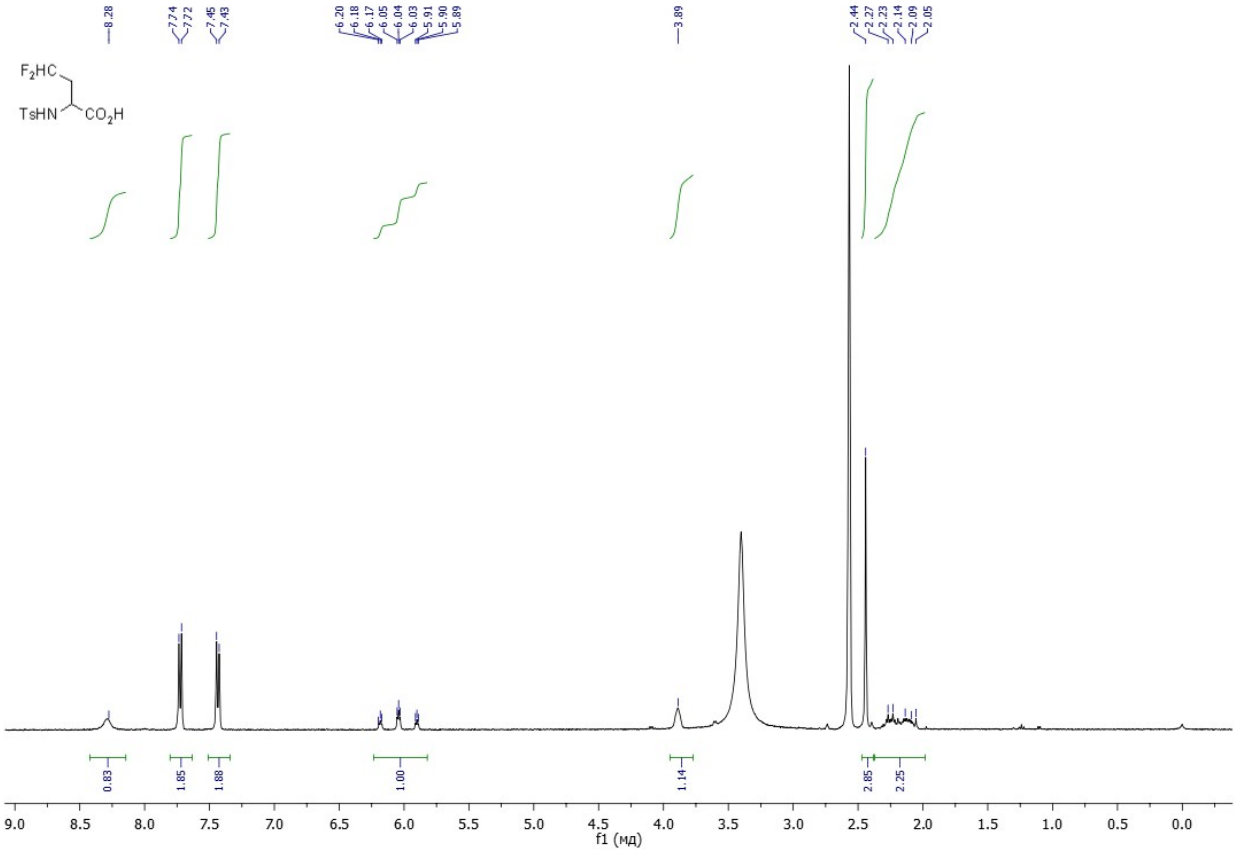
Compound 17d (^{1}H NMR, DMSO-d_6):



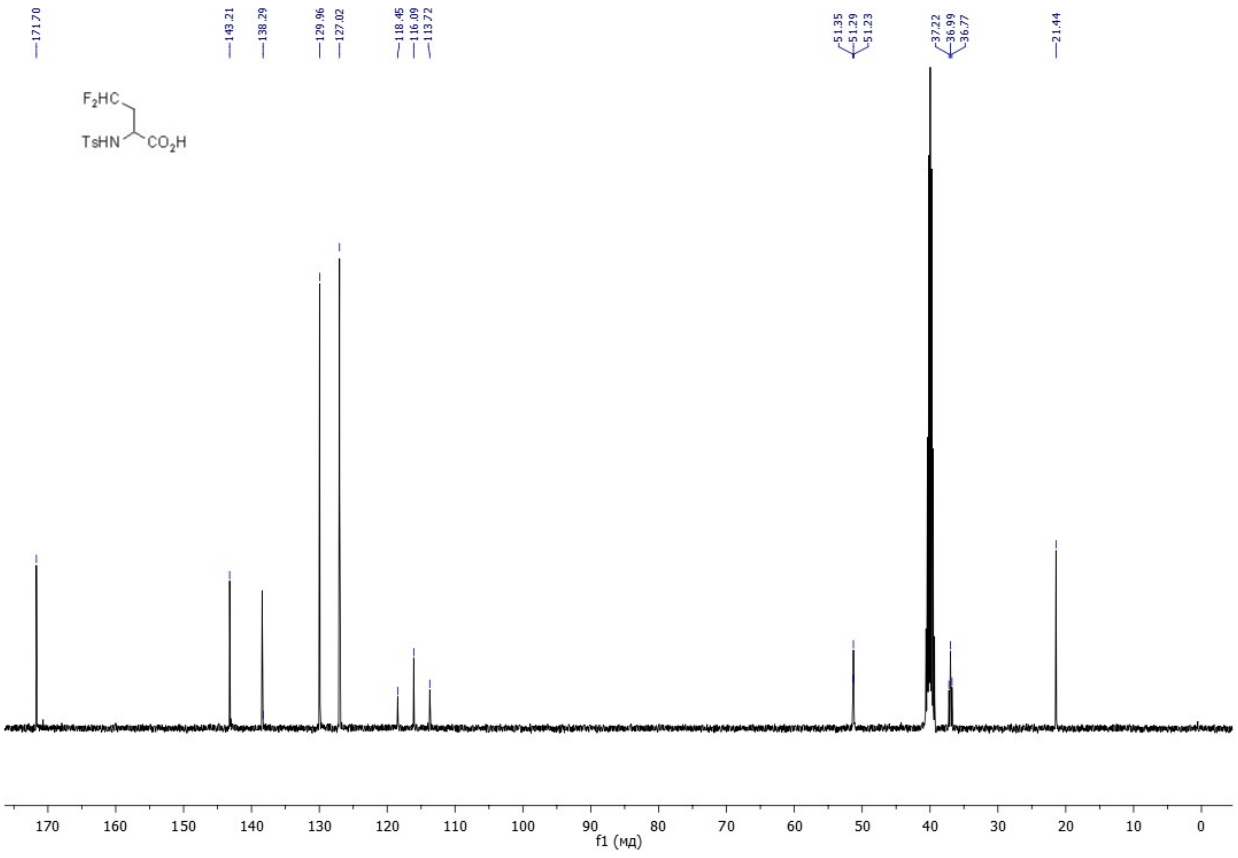
Compound 17d (^{13}C NMR, DMSO-d_6):



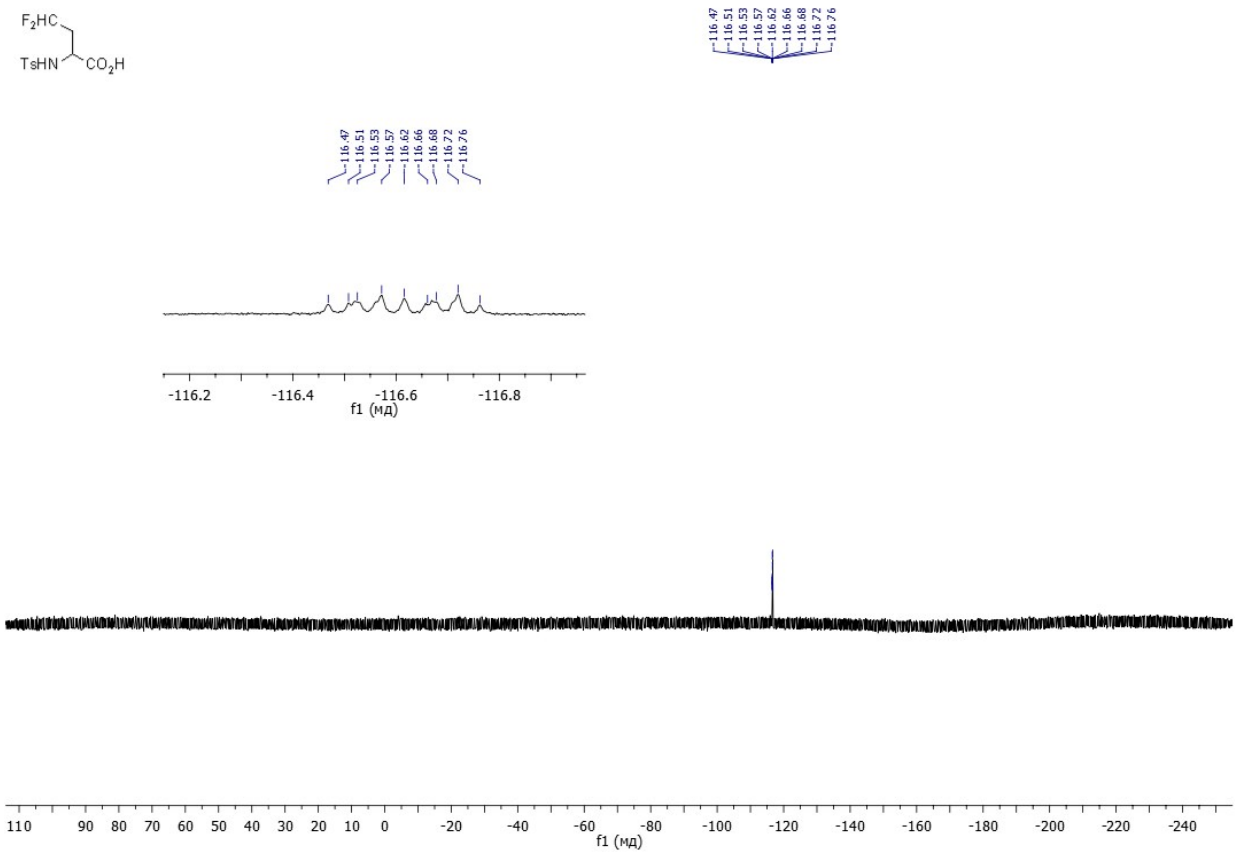
Compound 17e (^{1}H NMR, DMSO-d_6):



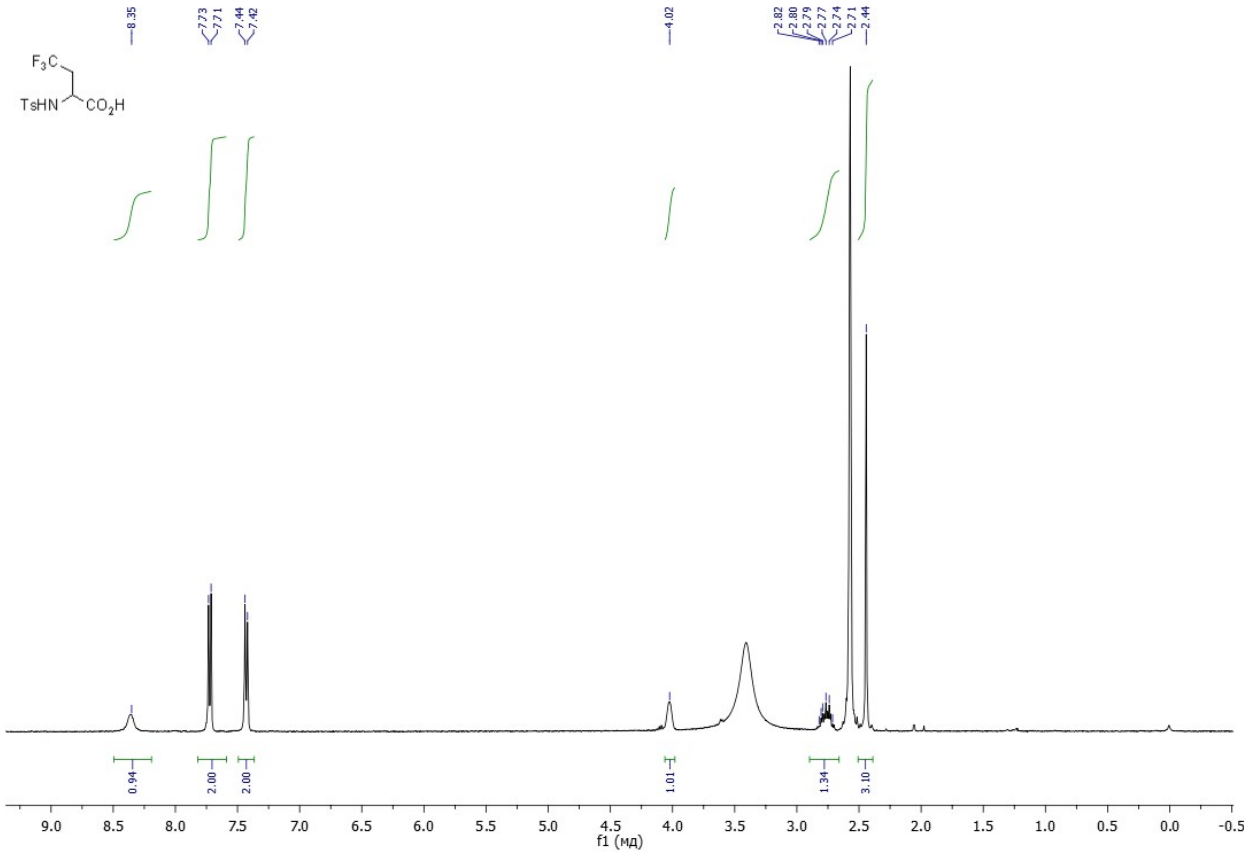
Compound 17e (^{13}C NMR, DMSO-d_6):



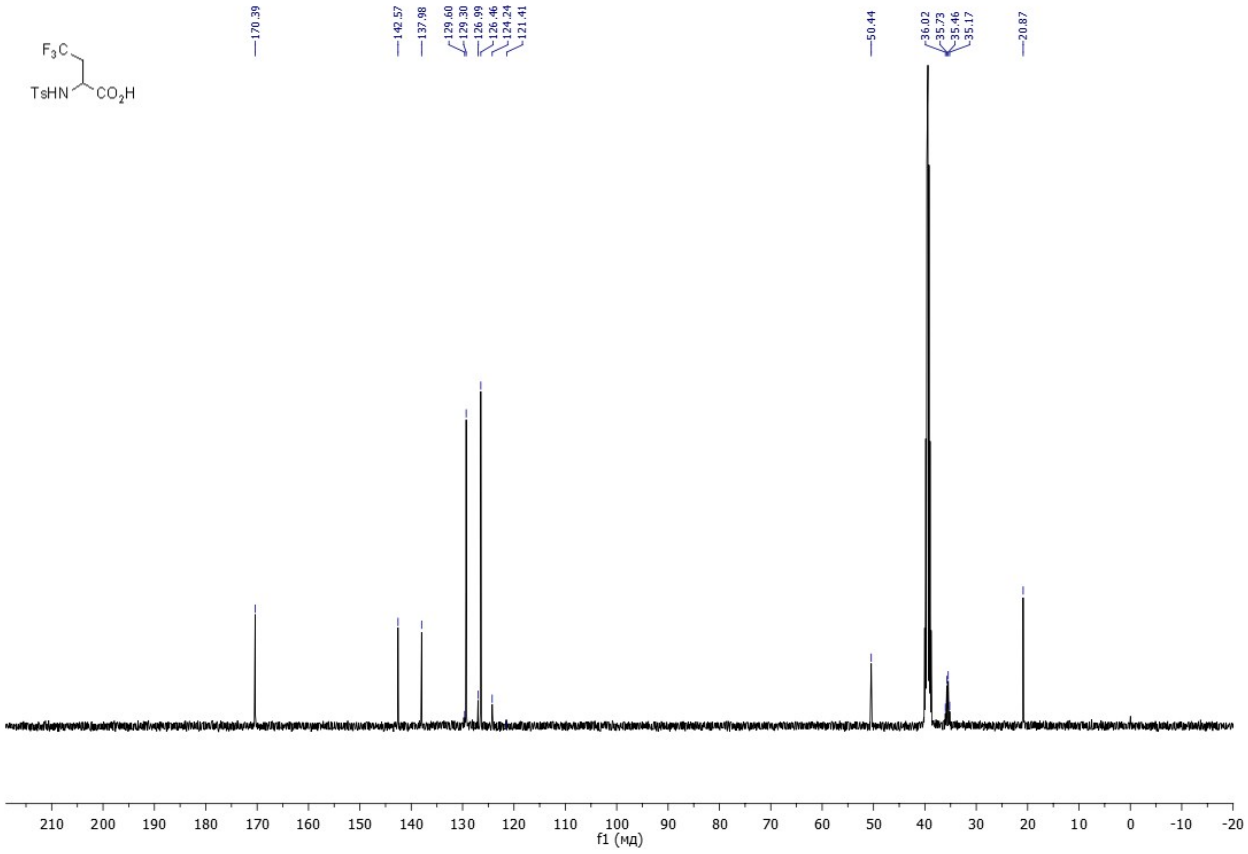
Compound 17e (^{19}F NMR, DMSO-d_6):



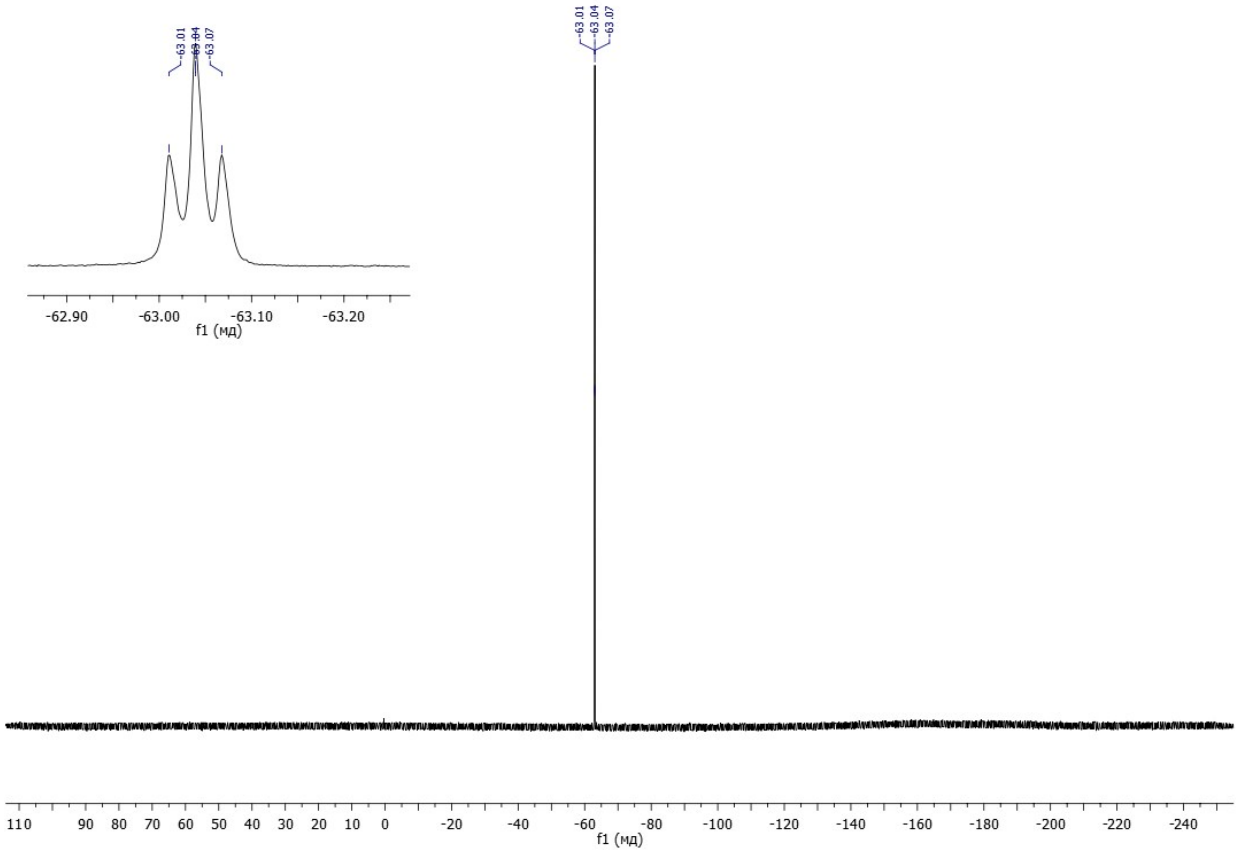
Compound 17f (^{1}H NMR, DMSO-d_6):



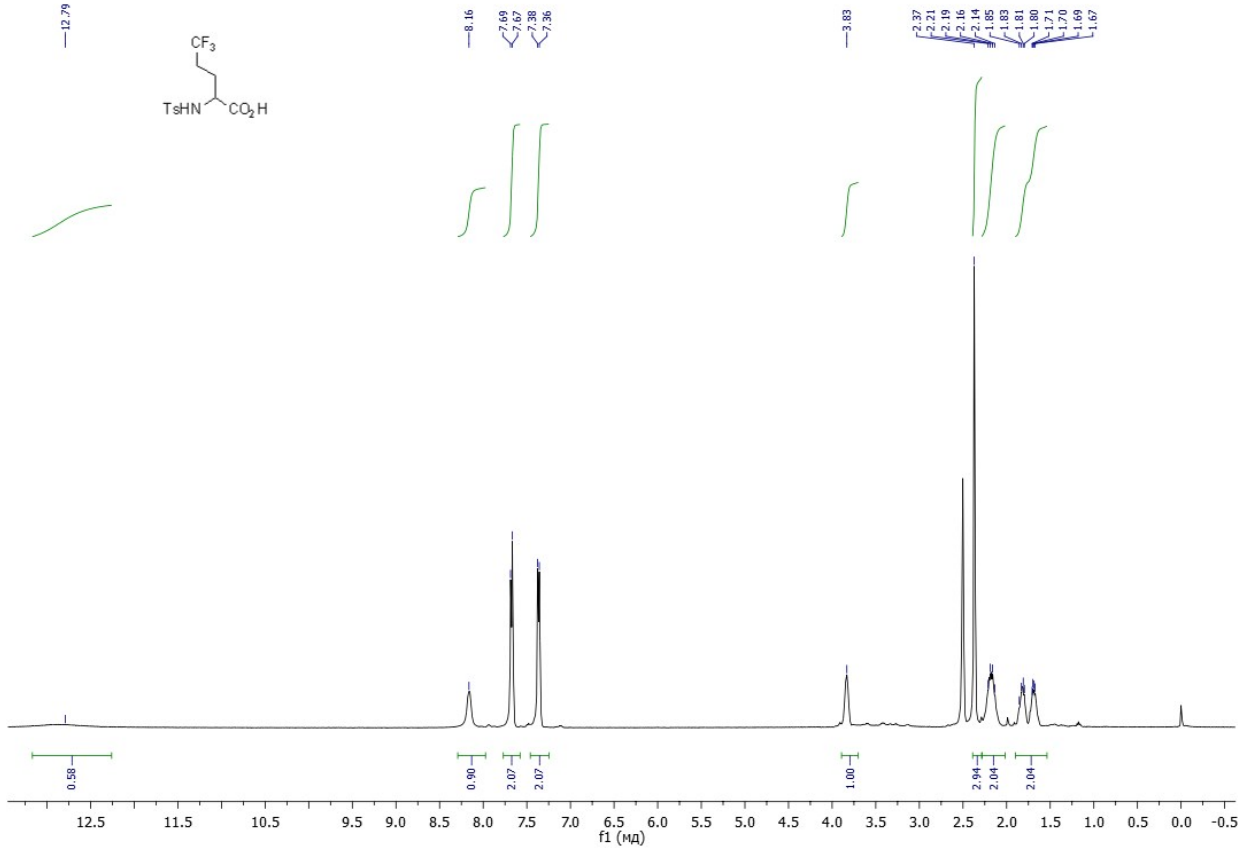
Compound 17f (^{13}C NMR, DMSO-d_6):



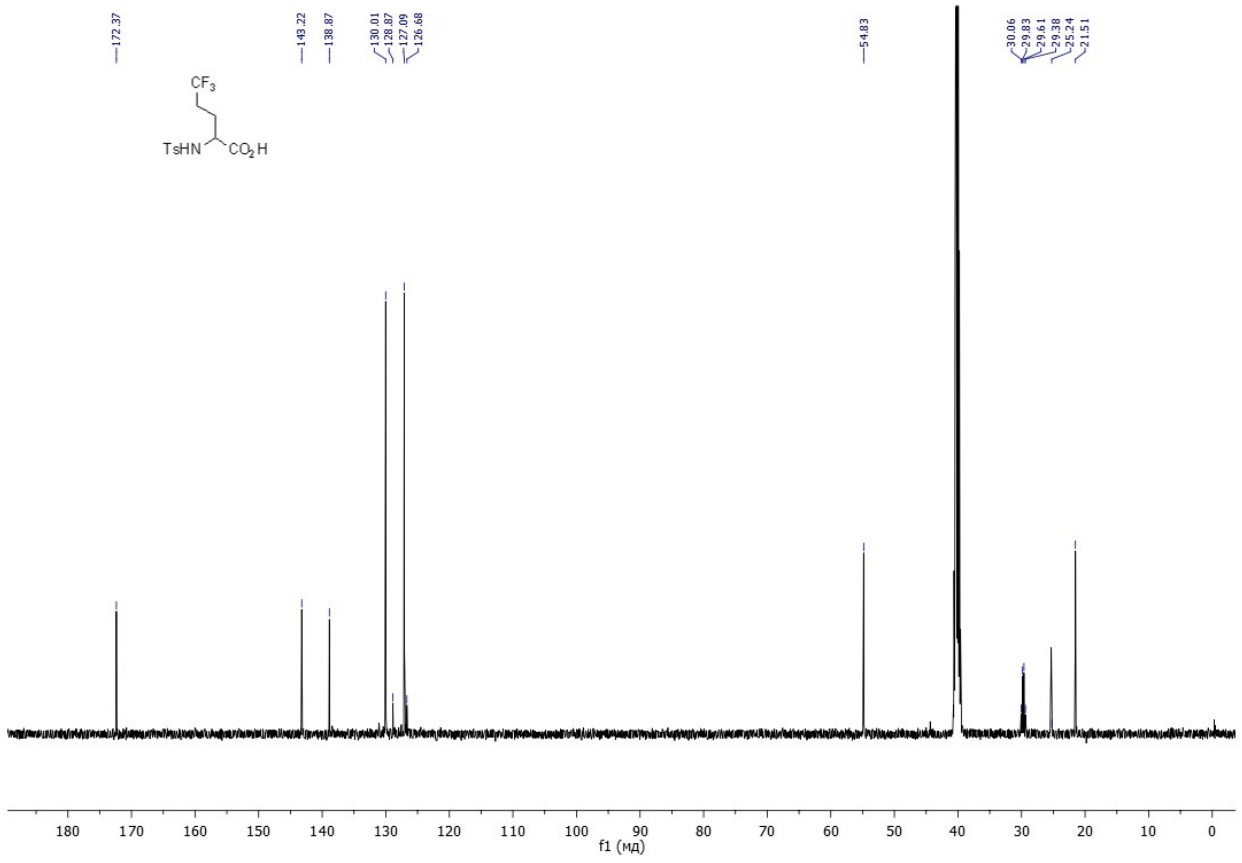
Compound 17f (^{19}F NMR, DMSO-d_6):



Compound 17g (^{1}H NMR, DMSO-d_6):



Compound 17g (^{13}C NMR, DMSO-d_6):



Compound 17g (^{19}F NMR, DMSO-d_6):