Supporting Information

Synthesis and pharmacological evaluation of novel silodosin-based arylsulfonamide derivatives as α_{1A}/α_{1D}-adrenergic receptor antagonist with potential uroselective profile

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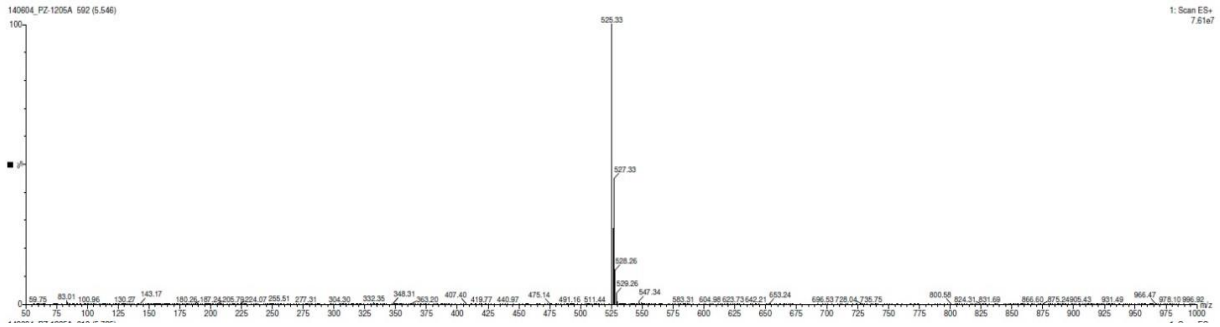
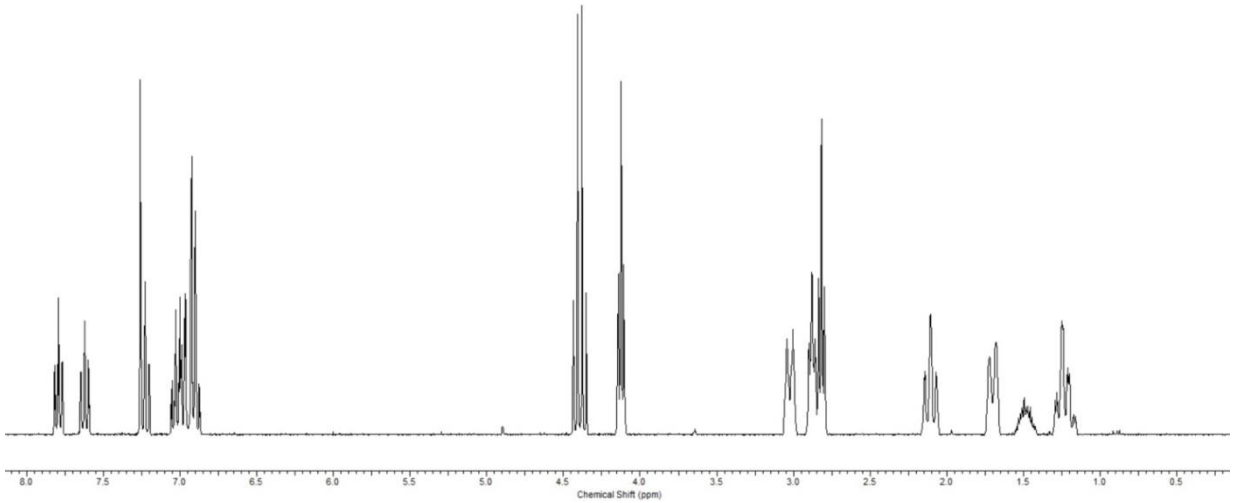
1. MS, ^{1}H NMR, and ^{13}C NMR spectra of representative compounds

1.1. *3-Chloro-2-fluoro-N-[(1-{2-[(2,2,2-trifluoroethoxy)phenoxy]ethyl}piperidin-4-yl)methyl]benzenesulfonamide* (**9**)

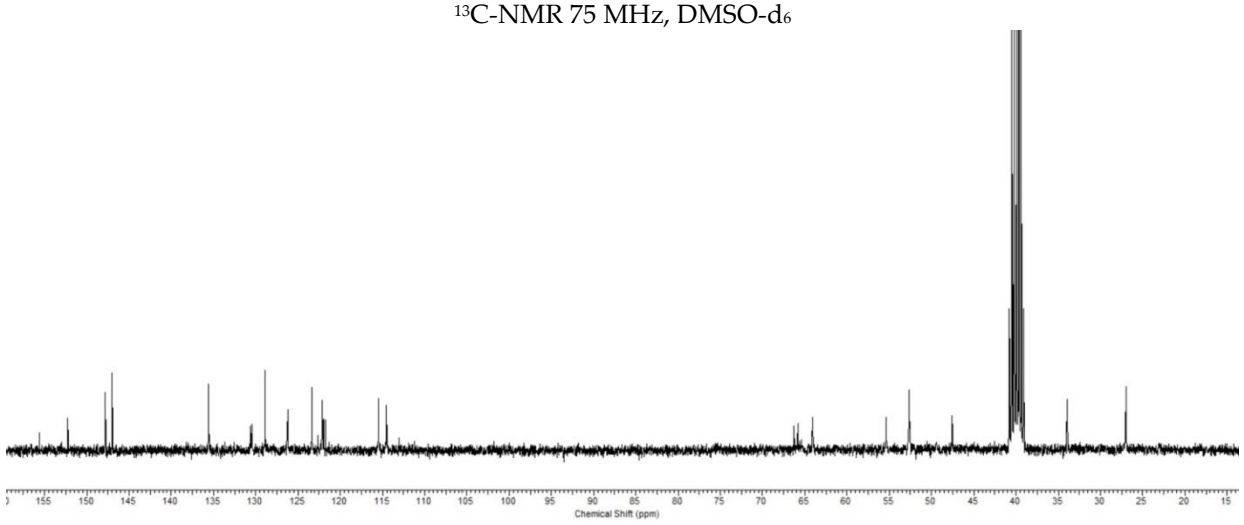
MS



^{1}H-NMR 300 MHz, $CDCl_3$

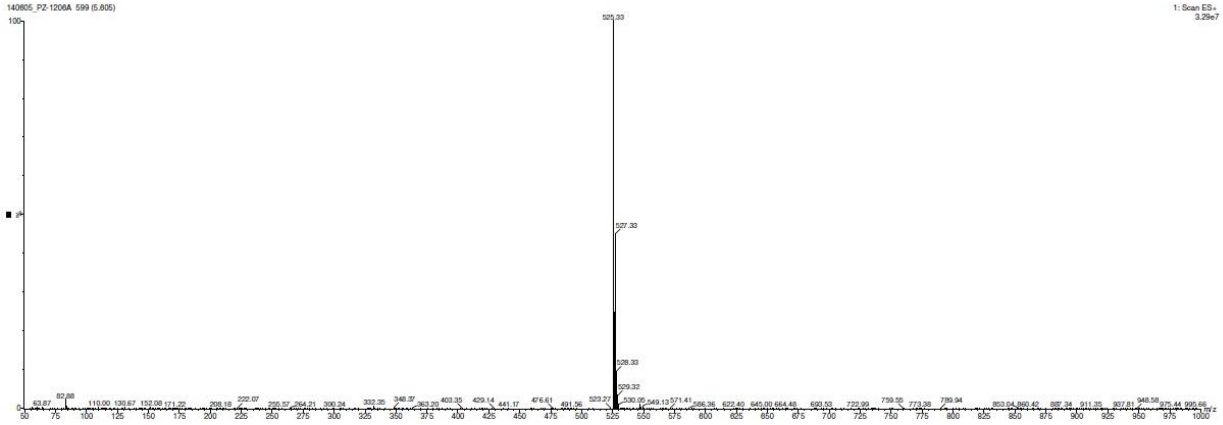


^{13}C-NMR 75 MHz, DMSO-d_6

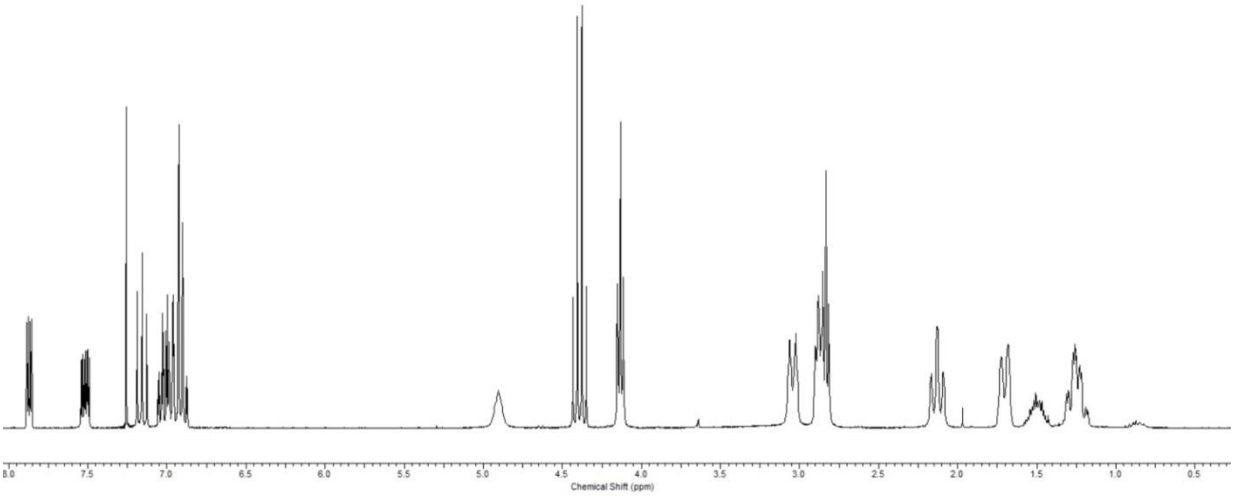


1.2. *5-Chloro-2-fluoro-N-[(1-{2-[(2,2,2-trifluoroethoxy)phenoxy]ethyl}piperidin-4-yl)methyl]benzenesulfonamide* (**10**)

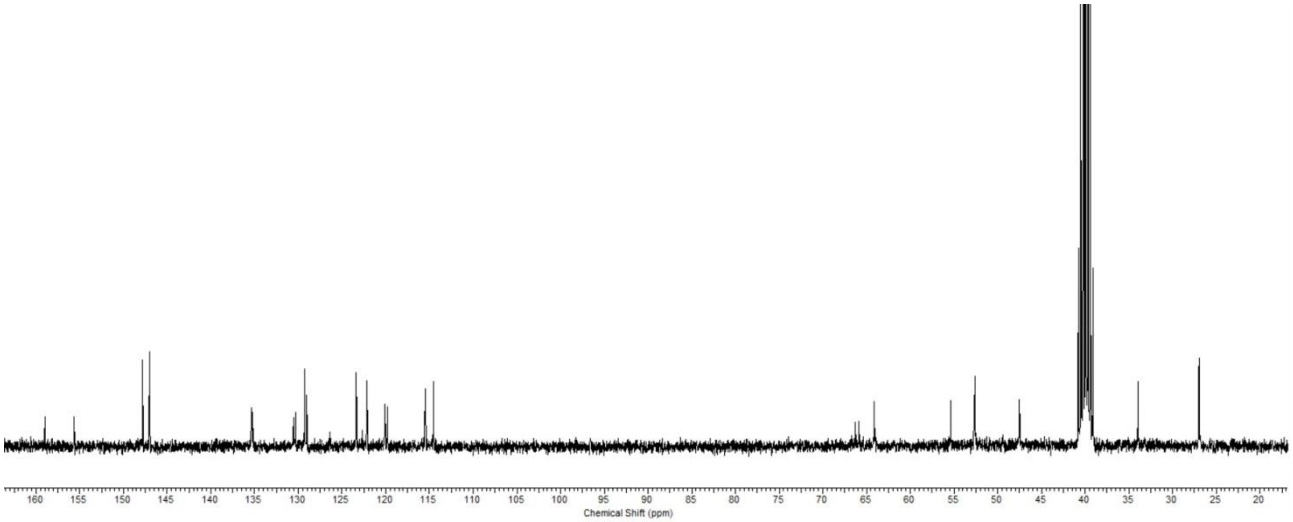
MS



^{1}H-NMR 300 MHz, $CDCl_3$

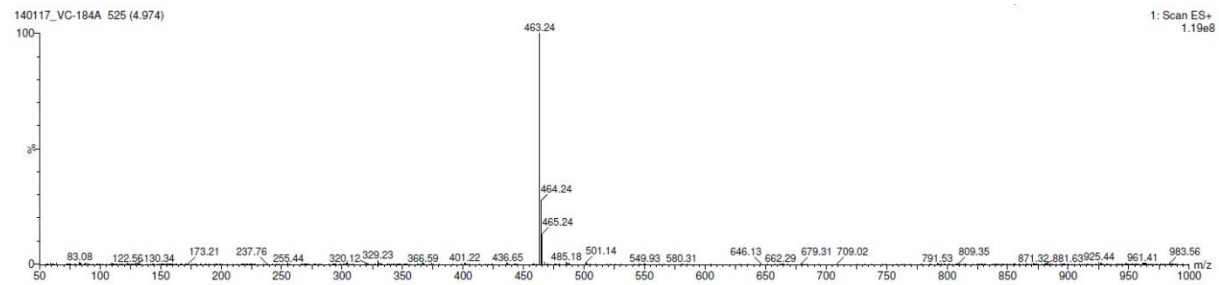


^{13}C-NMR 75 MHz, DMSO-d_6

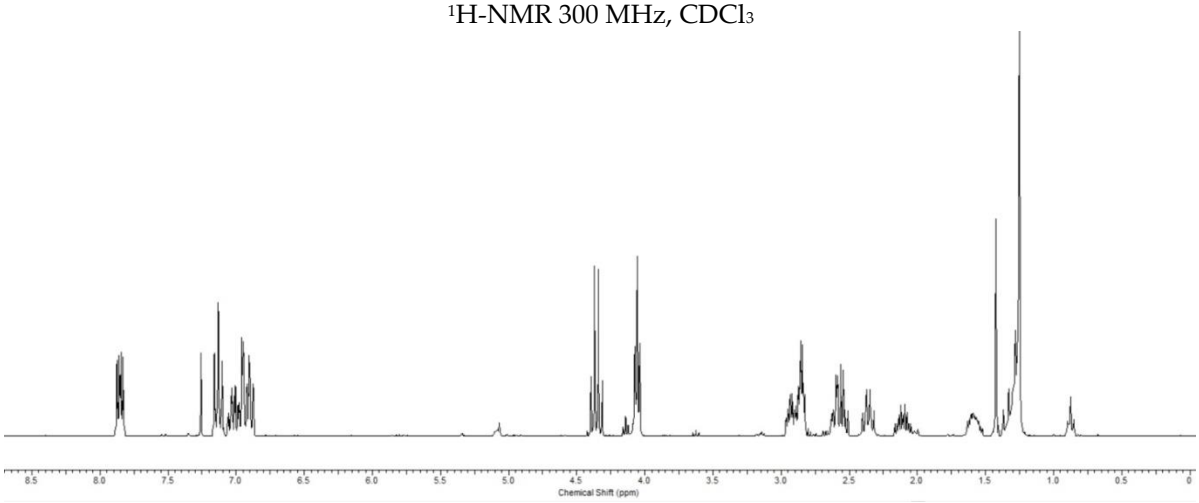


1.3. *(R)-4-Fluoro-N-(1-{2-[(2,2,2-trifluoroethoxy)phenoxy]ethyl}pyrrolidin-3-yl)benzenesulfonamide* (**13**)

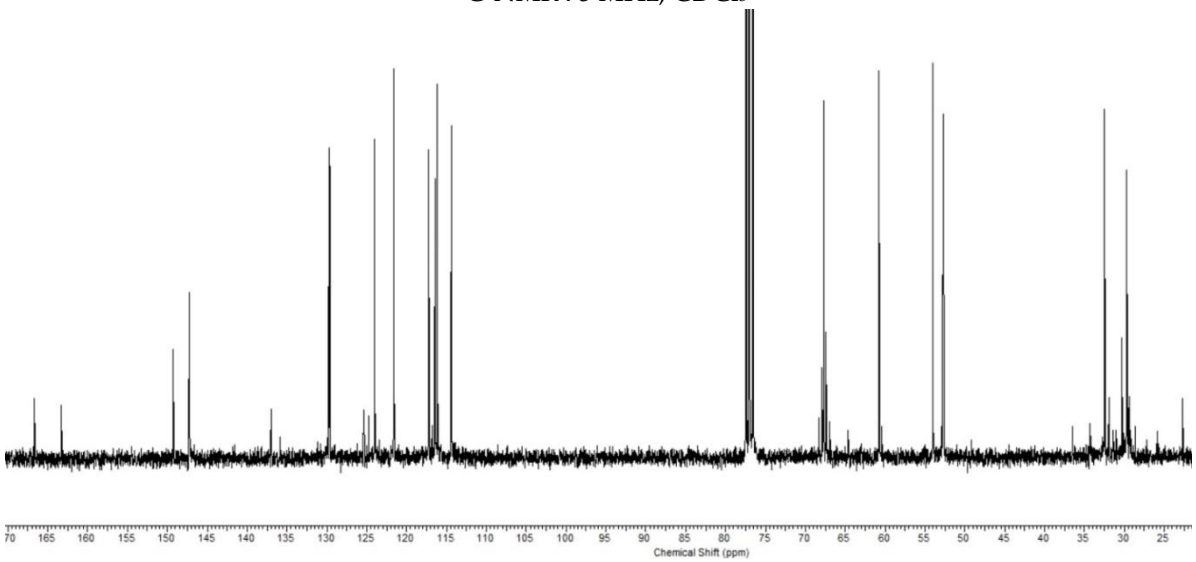
MS



^{1}H-NMR 300 MHz, $CDCl_3$

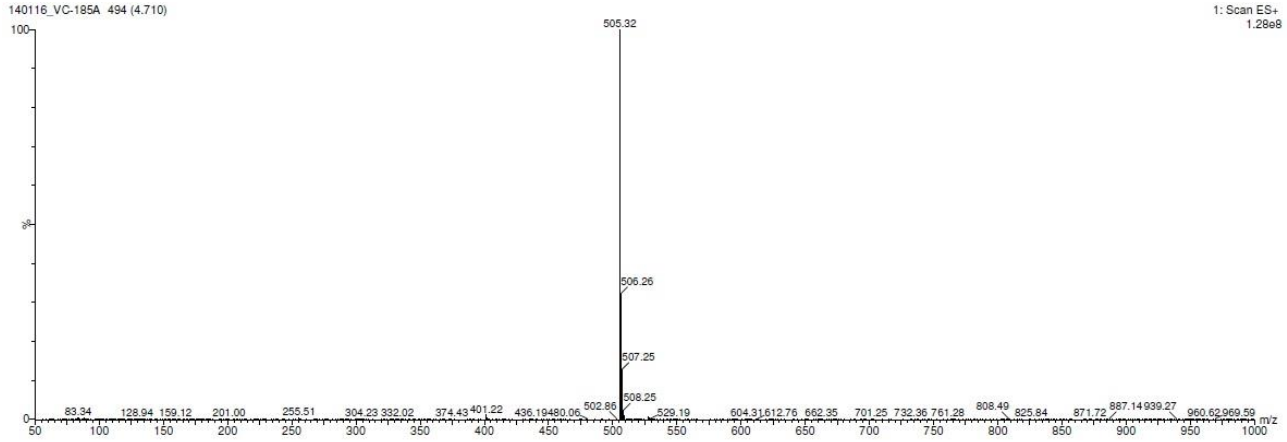


^{13}C-NMR 75 MHz, $CDCl_3$

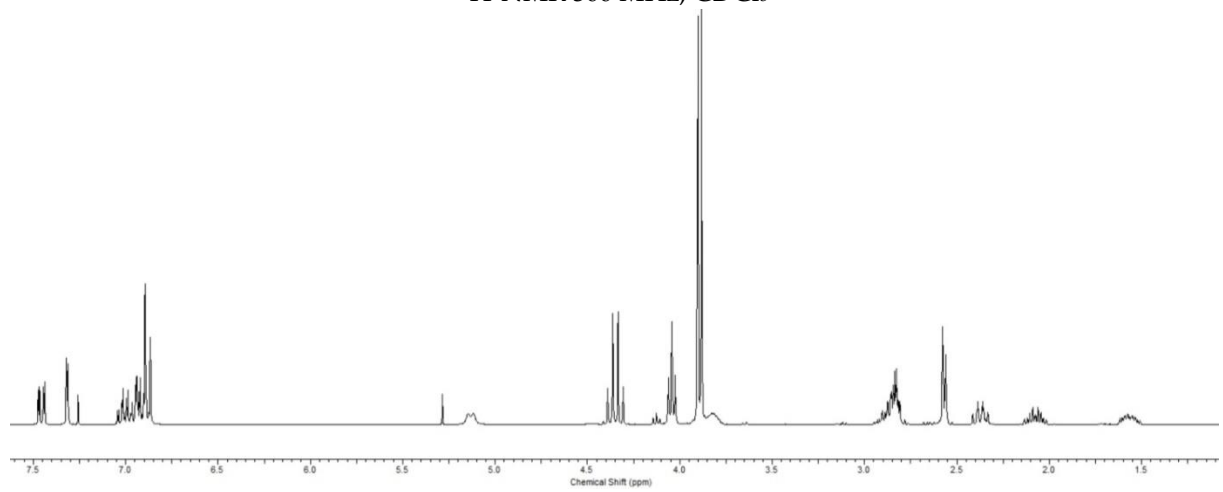


1.4. *(S)-3,4-Dimethoxy-N-(1-{2-[(2,2,2-trifluoroethoxy)phenoxy]ethyl}pyrrolidin-3-yl)benzenesulfonamide* (**18**)

MS



^{1}H-NMR 300 MHz, $CDCl_3$



^{13}C-NMR 75 MHz, $CDCl_3$