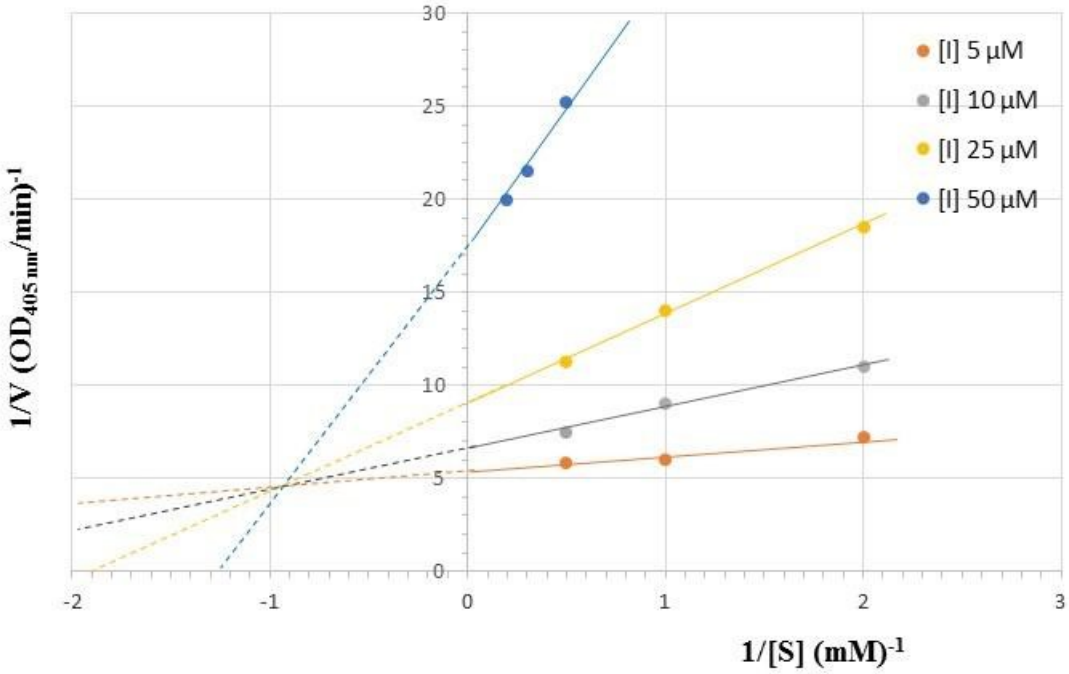
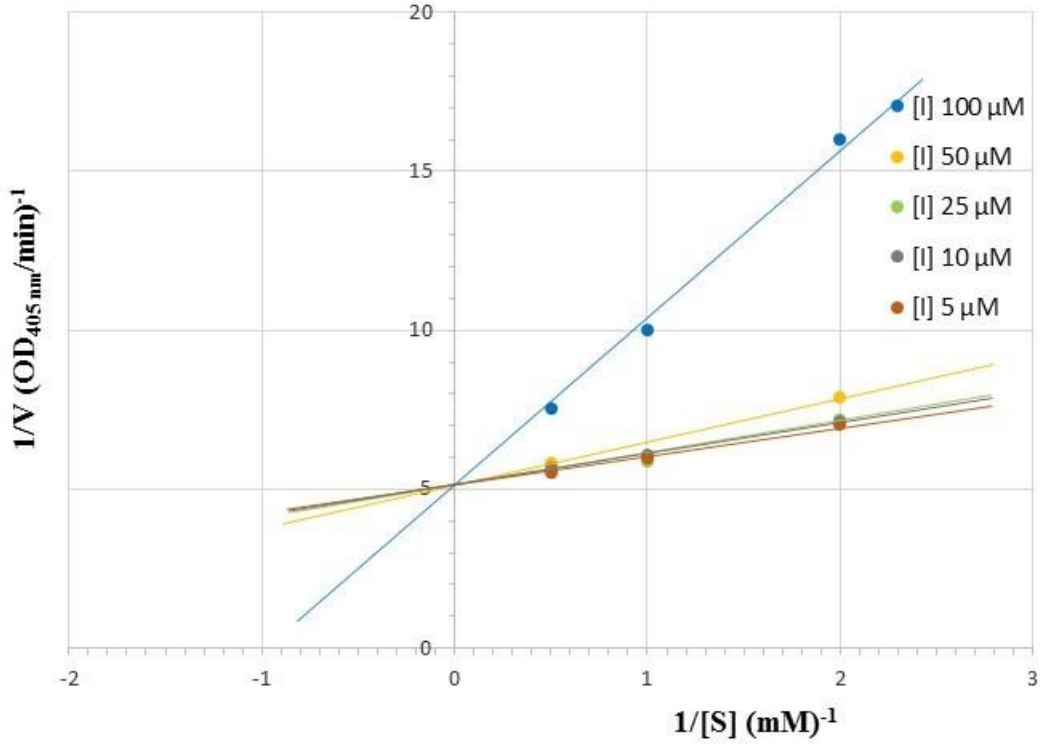
Supplementary information

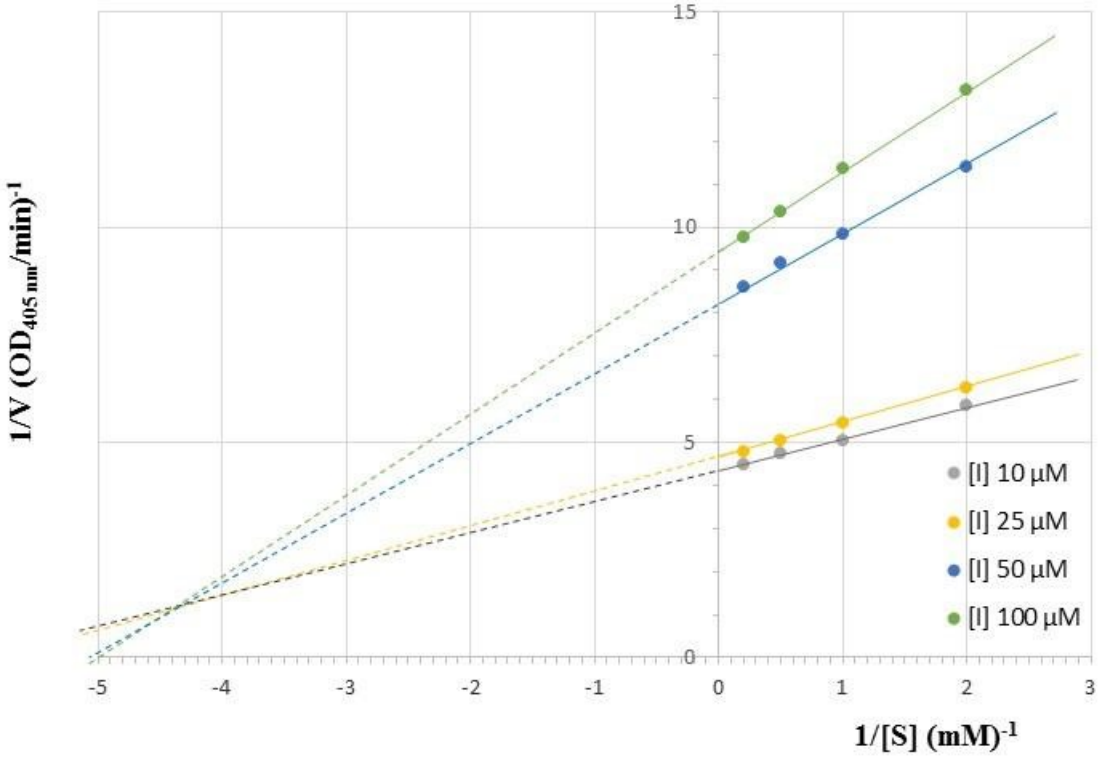
Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 2



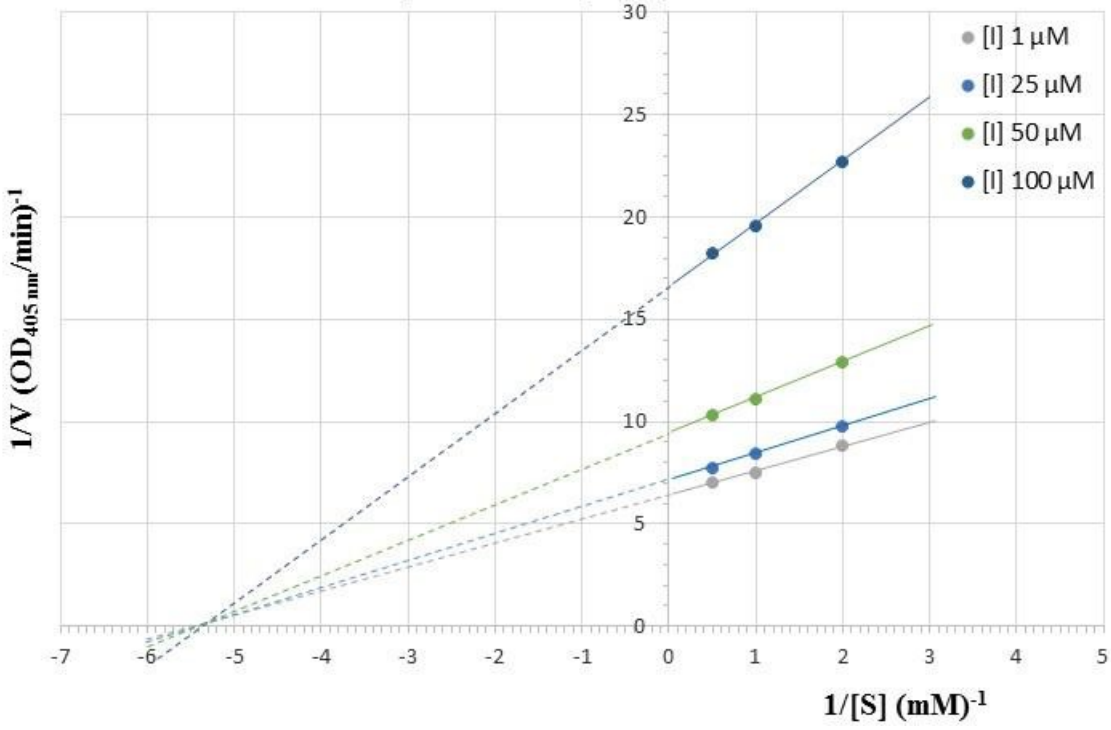
Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 4



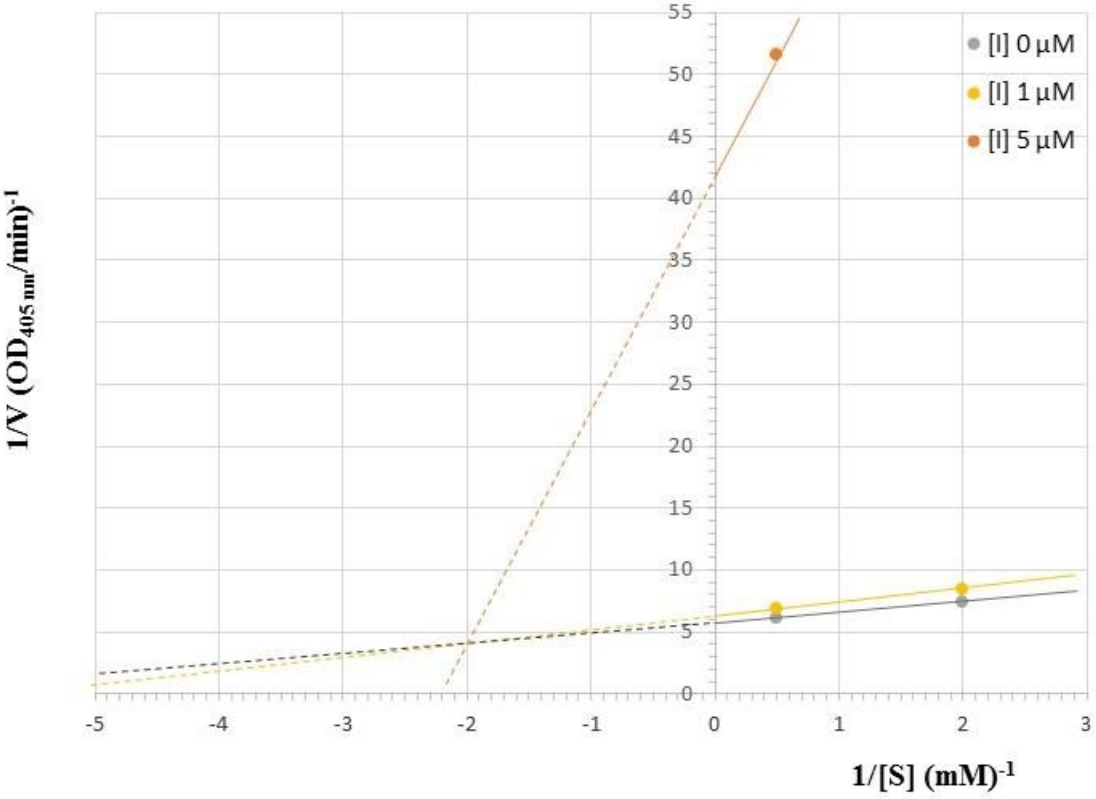
Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 7



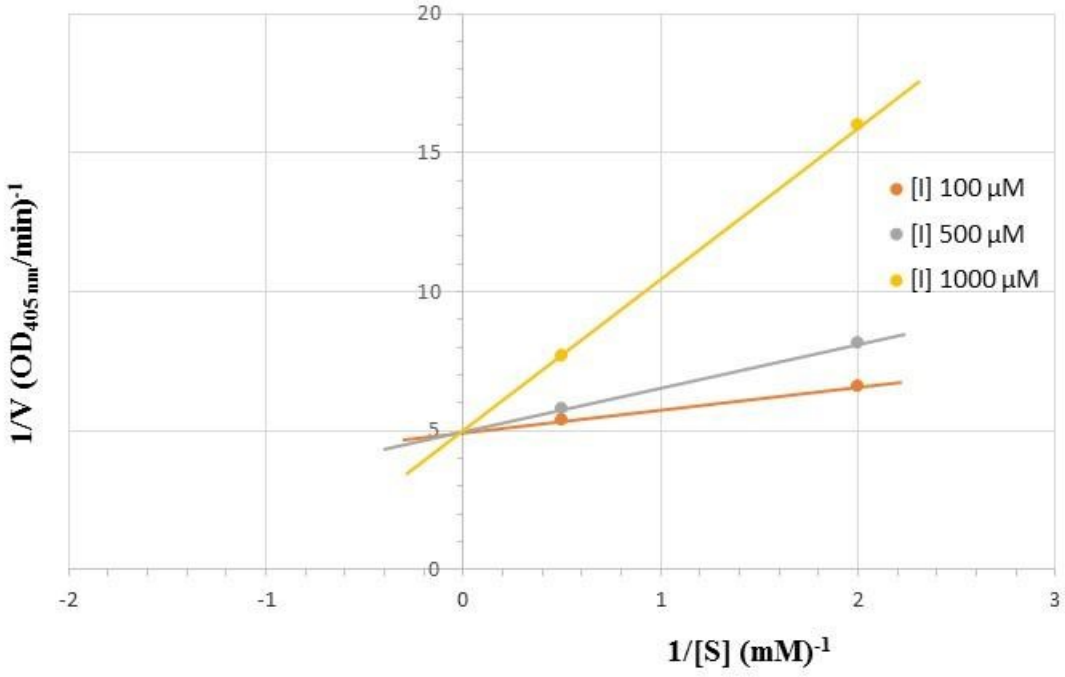
Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 3



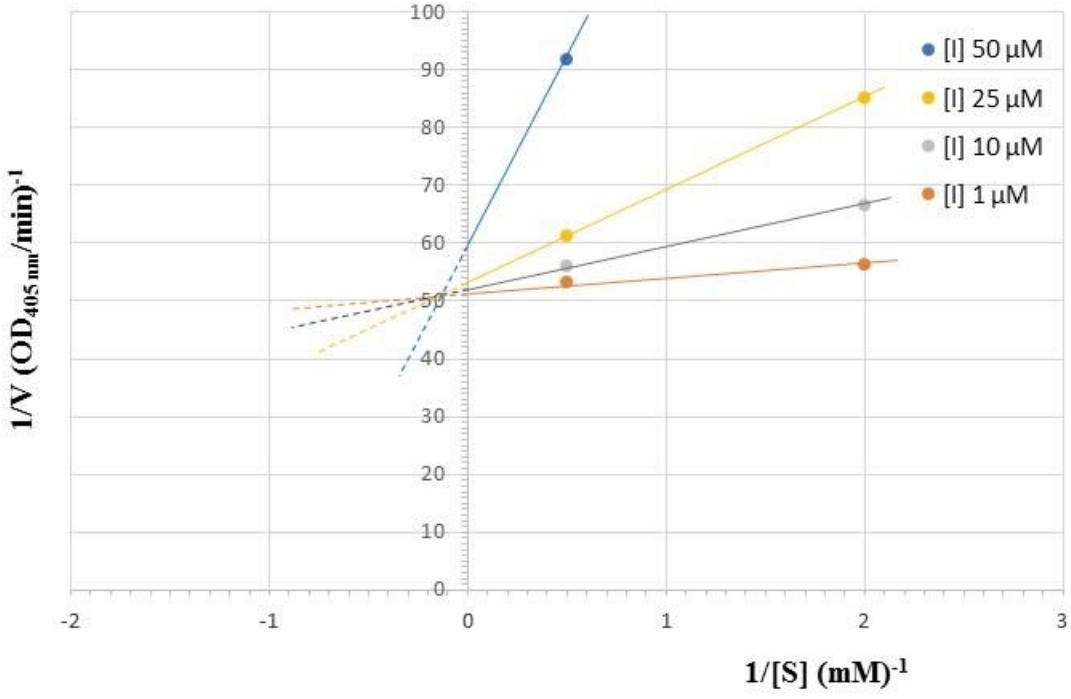
Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 5



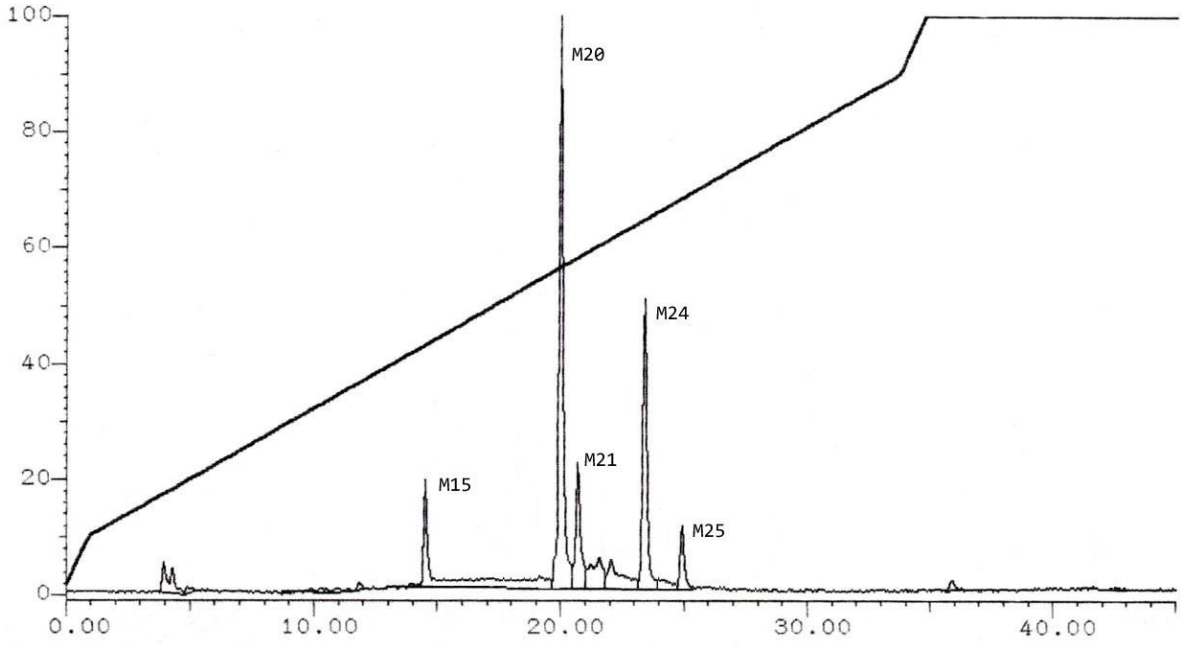
Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 6



Lineweaver-Burk double-reciprocal plot of the inhibition kinetics of α-glucosidase by compound 1



Chromatogram of Fractions IV–V (that showed the highest inhibitory activity)



Conditions were described at 4.3. at materials and methods section.

Figure S1.

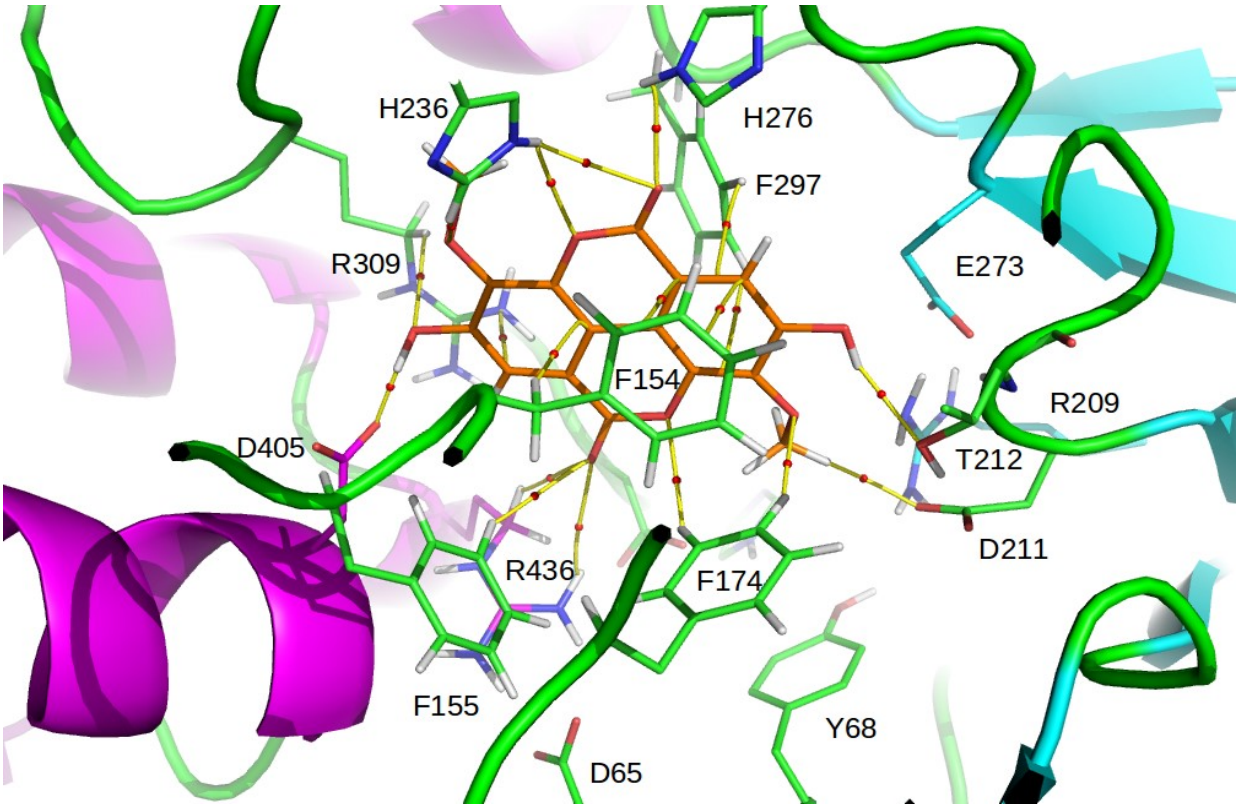


Figure S1. Compound 3 (orange) bound to the α-Glu substrate binding cleft (α-helix, β-sheet and loop secondary structure elements colored in magenta, cyan and green, respectively). The intermolecular interactions are evidenced by two topological elements of the charge density: the bond paths or line of maximum density linking the neighboring atoms (yellow lines) and the bond critical points on them (red points).