Supplemental Materials

Synthesis, α-glucosidase inhibition and molecular docking studies of novel thiazolidine-2,4-dione or rhodanine derivatives

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Figure S 1: $^1$H NMR of Compound 5a

Figure S 2: $^{13}$C NMR of Compound 5a
Figure S 3: $^1$H NMR of Compound 5b

Figure S 4: $^{13}$C NMR of Compound 5b
Figure S 5: $^1$H NMR of Compound 5c

Figure S 6: $^{13}$C NMR of Compound 5c
Figure S 7: $^1$H NMR of Compound 5d

Figure S 8: $^{13}$C NMR of Compound 5d
Figure S 9: $^1$H NMR of Compound 5e

Figure S 10: $^{13}$C NMR of Compound 5e
Figure S 11: $^1$H NMR of Compound 5f

Figure S 12: $^{13}$C NMR of Compound 5f
Figure S 13: $^1$H NMR of Compound 5g

Figure S 14: $^{13}$C NMR of Compound 5g
Figure S 15: $^1$H NMR of Compound 5h

Figure S 16: $^{13}$C NMR of Compound 5h
Figure S17: $^1$H NMR of Compound 5i

Figure S18: $^{13}$C NMR of Compound 5i
Figure S 19: $^1$H NMR of Compound 5j

Figure S 20: $^{13}$C NMR of Compound 5j
Figure S 21: $^1$H NMR of Compound 5k

Figure S 22: $^{13}$C NMR of Compound 5k
Figure S 23: $^1$H NMR of Compound 6a

Figure S 24: $^{13}$C NMR of Compound 6a
Figure S 25: $^1$H NMR of Compound 6b

Figure S 26: $^{13}$C NMR of Compound 6b
Figure S 27: $^1$H NMR of Compound 6c

Figure S 28: $^{13}$C NMR of Compound 6c
Figure S 29: $^1$H NMR of Compound 6d

Figure S 30: $^{13}$C NMR of Compound 6d
Figure S 31: $^1$H NMR of Compound 6e

Figure S 32: $^{13}$C NMR of Compound 6e
Figure S 33: $^1$H NMR of Compound 6f

Figure S 34: $^{13}$C NMR of Compound 6f
Figure S 35: $^1$H NMR of Compound 6g

Figure S 36: $^{13}$C NMR of Compound 6g
Figure S 37: $^1$H NMR of Compound 6h

Figure S 38: $^{13}$C NMR of Compound 6h
Figure S 39: $^1$H NMR of Compound 6i

Figure S 40: $^{13}$C NMR of Compound 6i
**Figure S 41**: $^1$H NMR of Compound 6j

**Figure S 42**: $^{13}$C NMR of Compound 6j
Figure S 43: $^1$H NMR of Compound 6k

Figure S 44: $^{13}$C NMR of Compound 6k