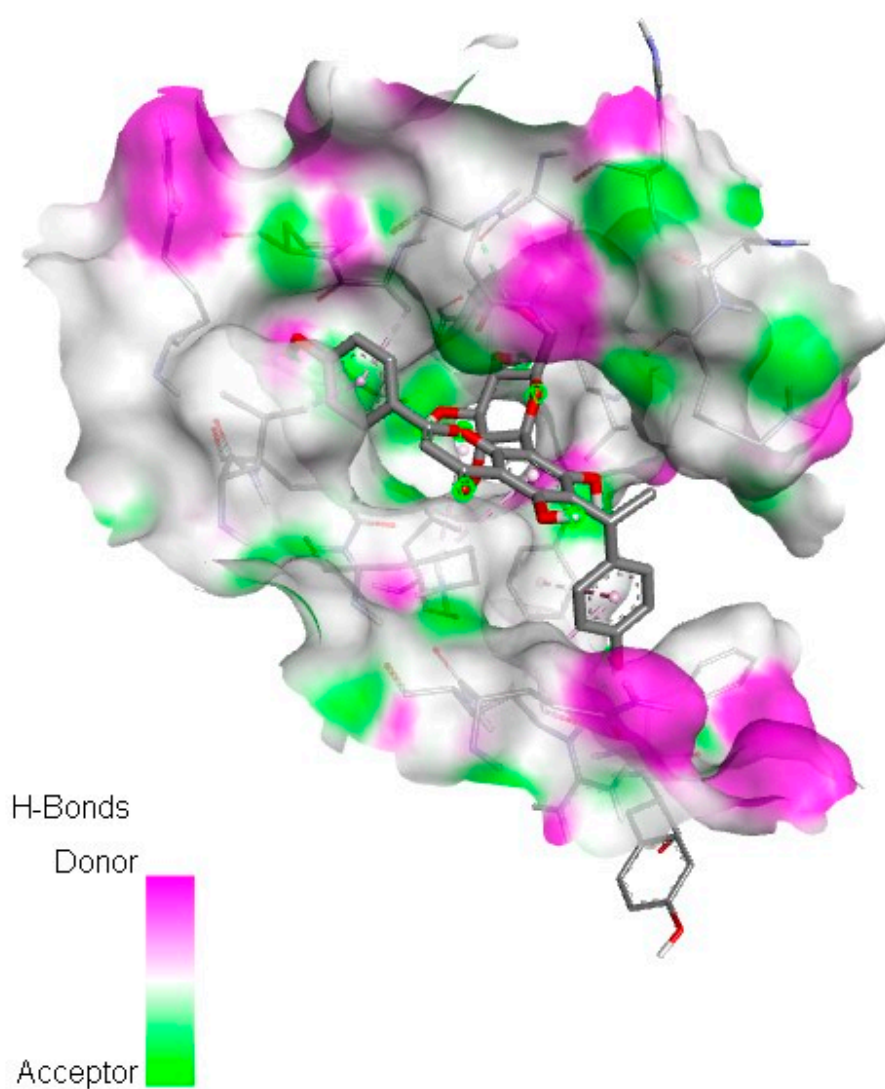
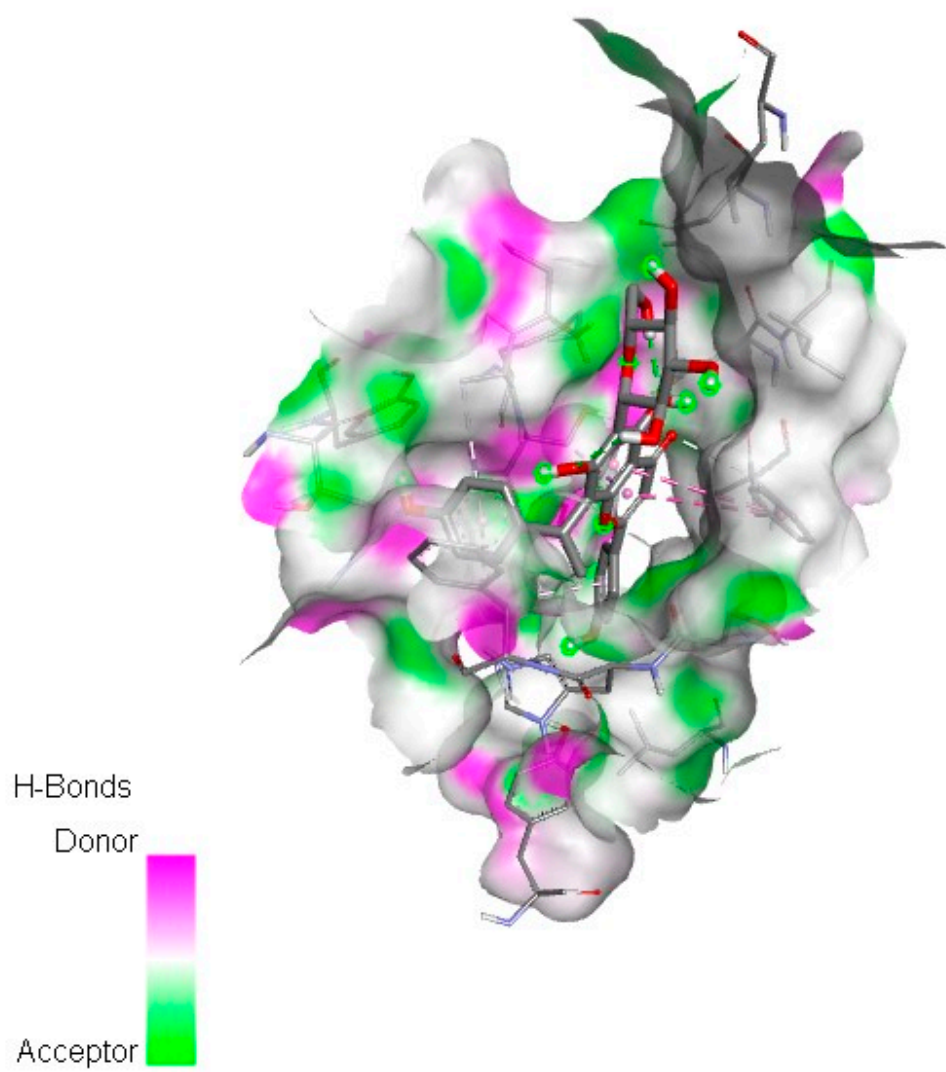


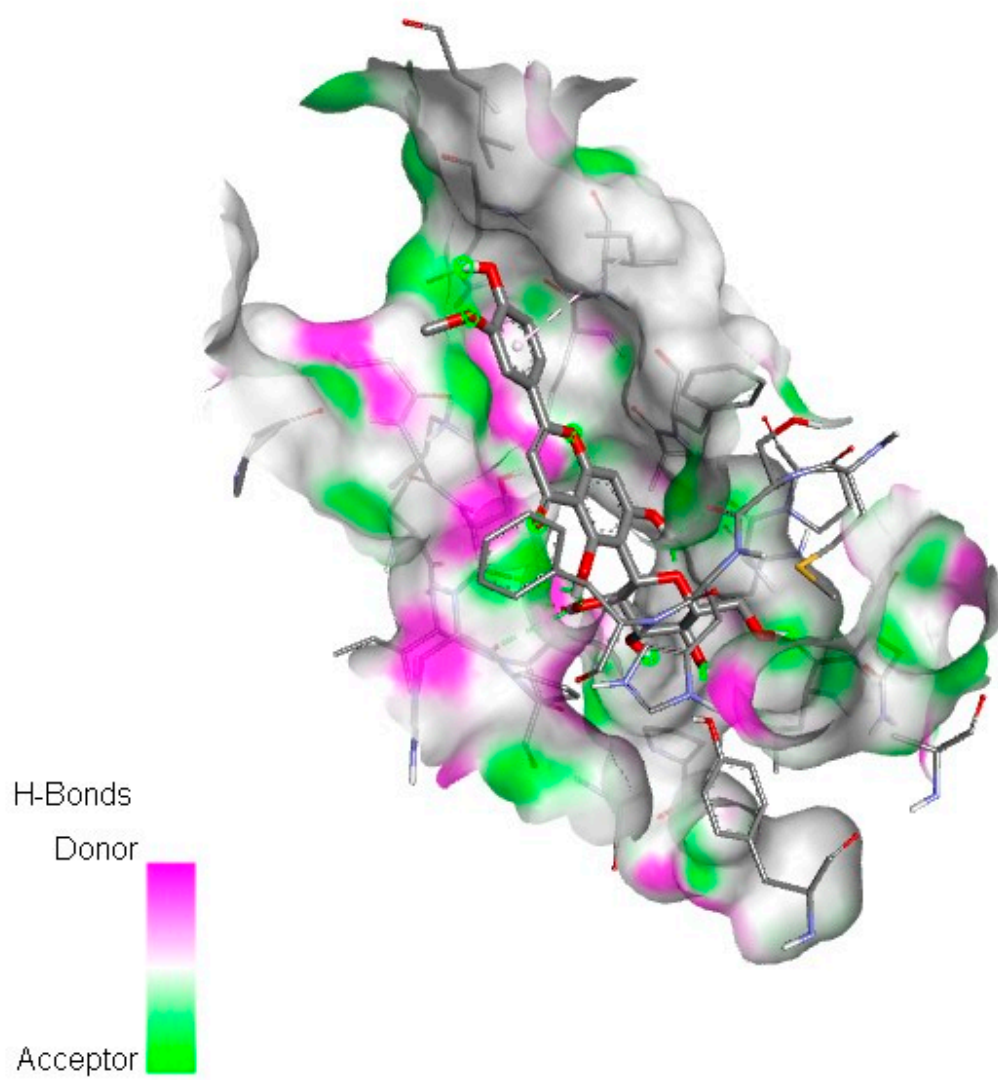
**Supplementary Figure S1.** 3D visualization of the interaction between QNE4 effector protein with top nine phytochemicals A) Cucumerin-A B) Cucumerin-B C) Isoscoparin D) Apigenin -7-O -glucoside .E) Cucurbitacin-B F) Cucurbitacin-D G) Cucurbitacin-A H) Cucurbitacin-E I) Cucurbitacin-I



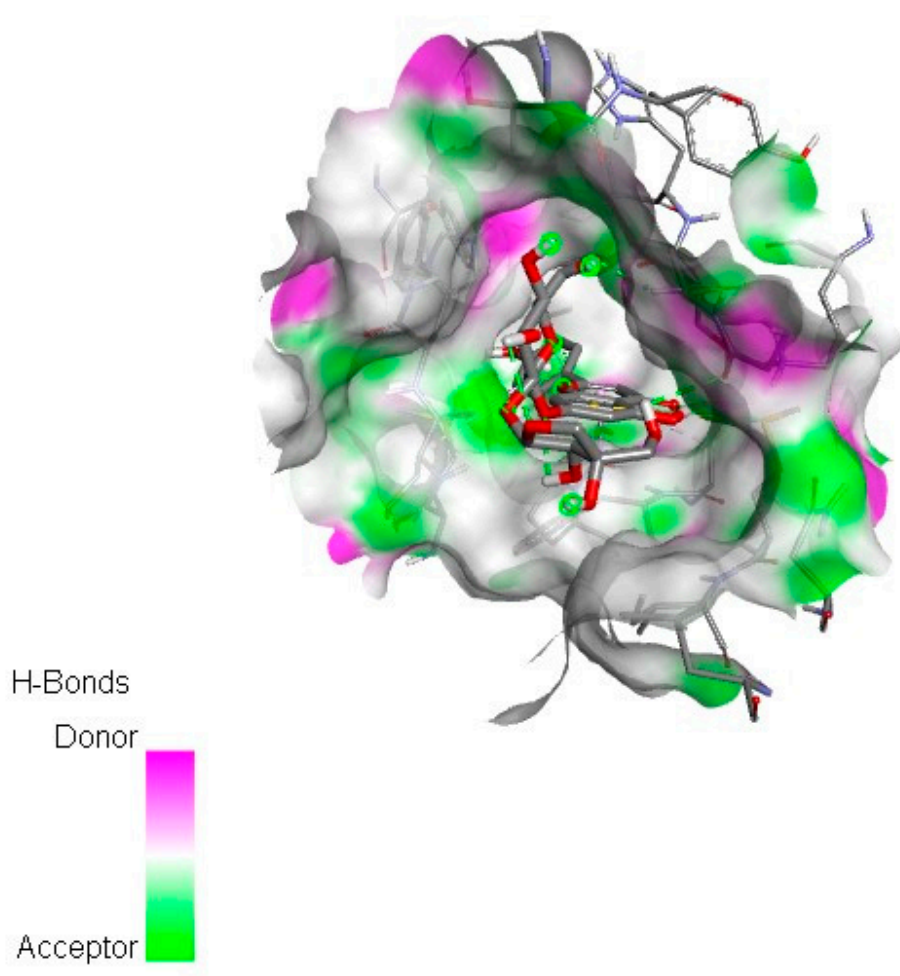
**A) Cucumerin-A**



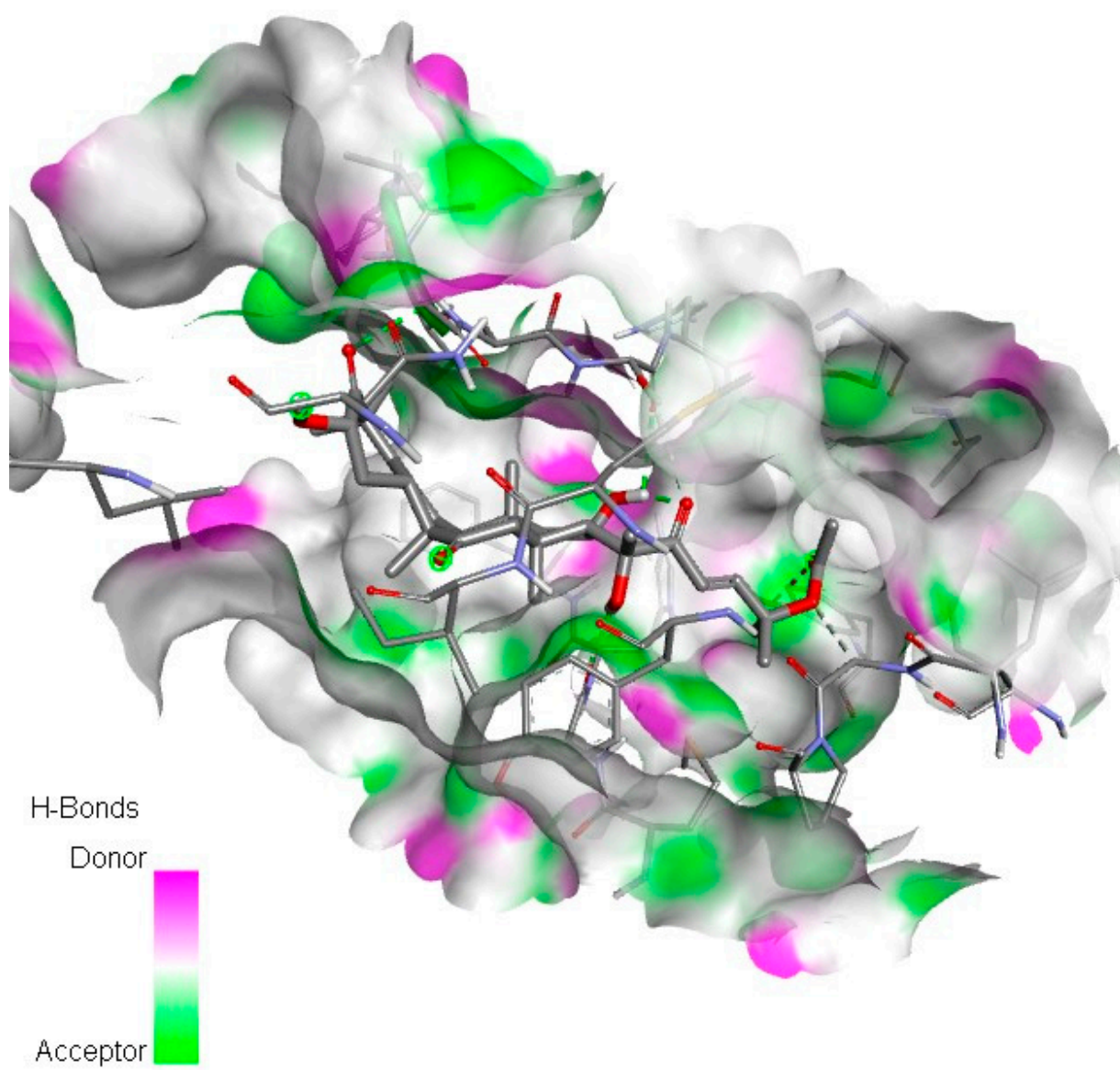
**B) Cucumerin-B**



C) Isoscoparin

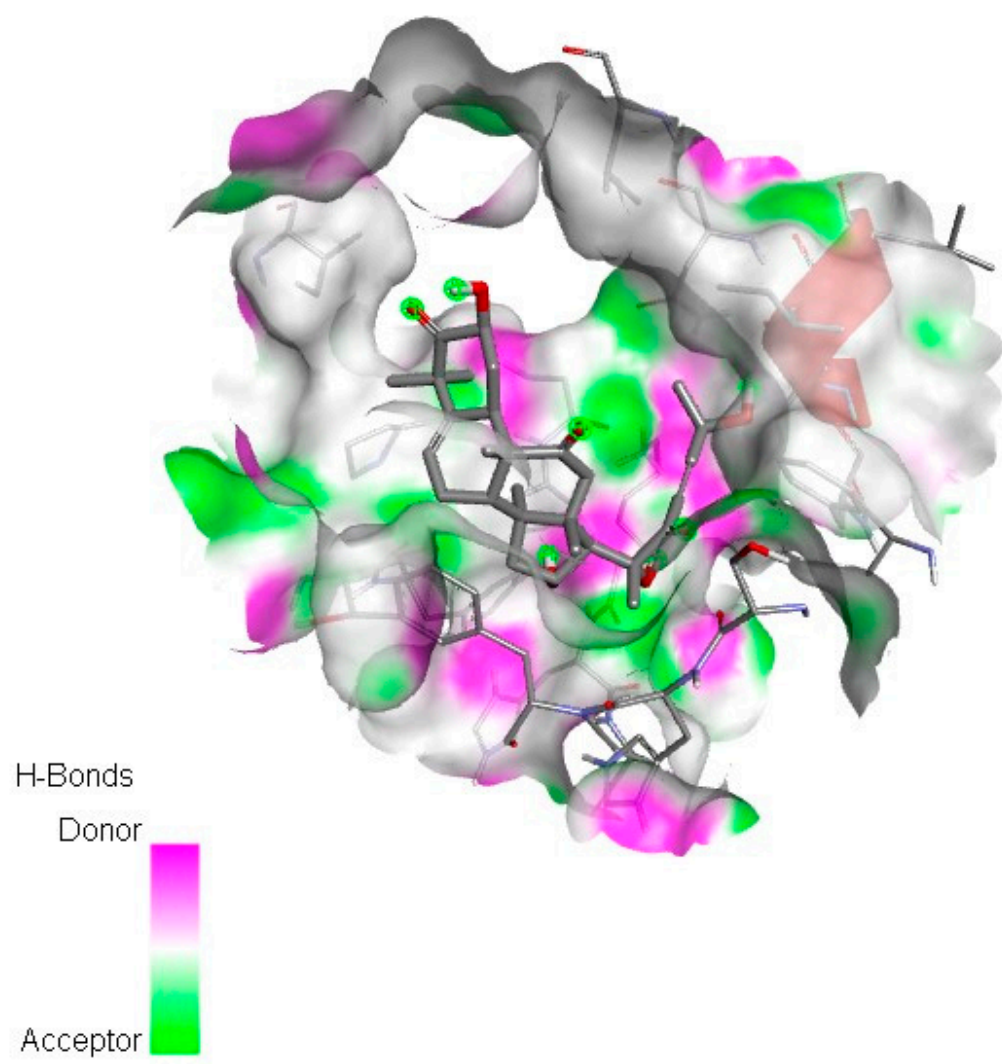


**D) Apigenin -7-O –glucoside**

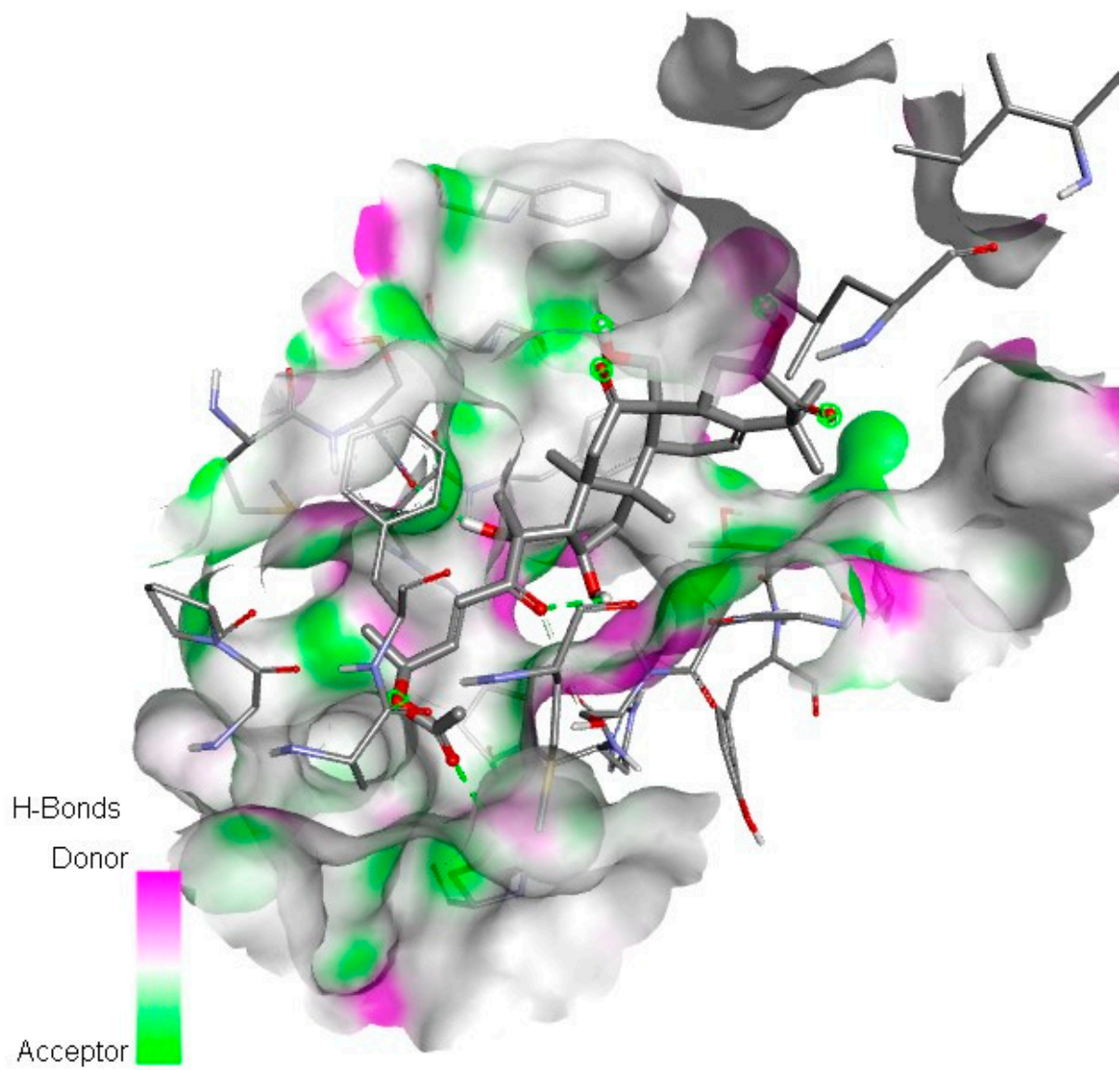


**E) Cucurbitacin-B**

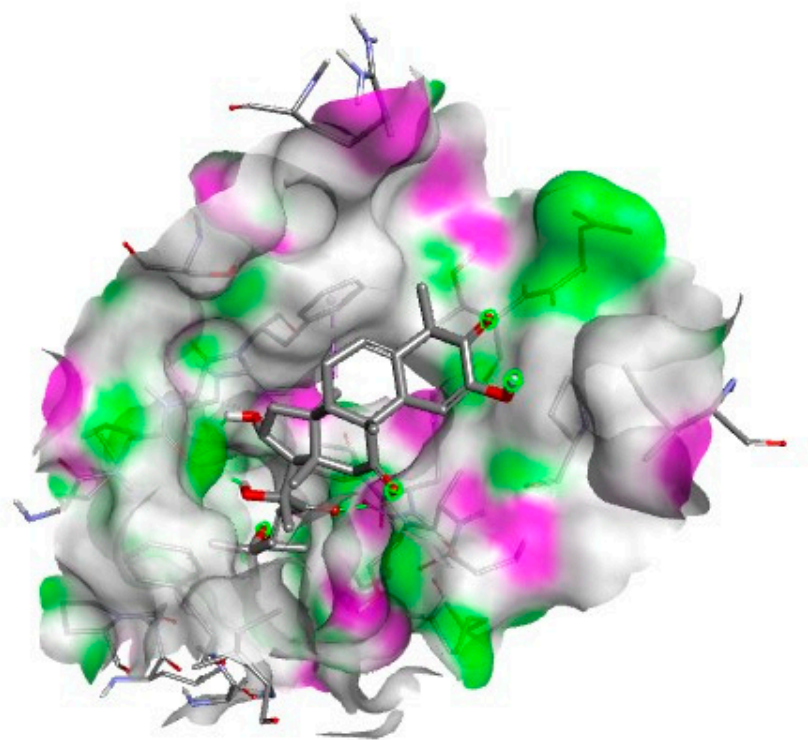




**F) Cucurbitacin-D**



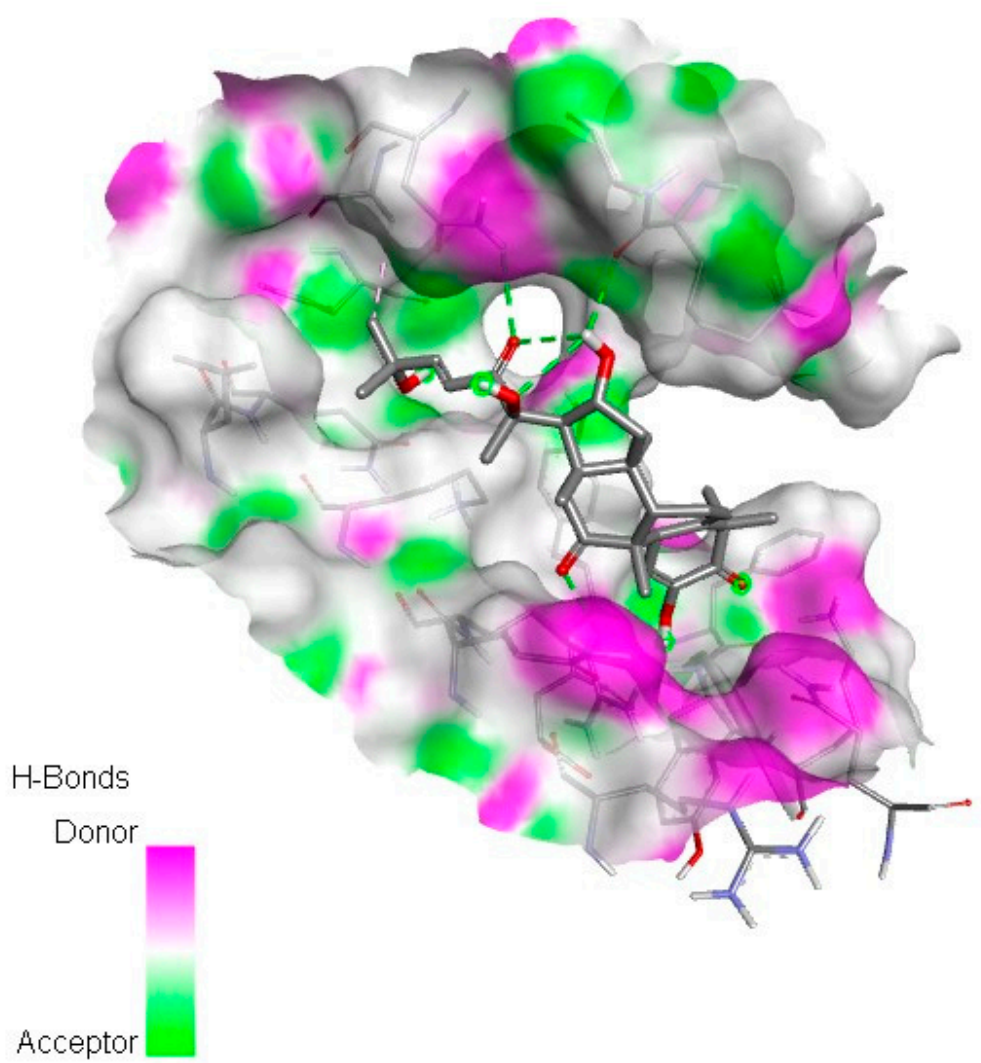
**G) Cucurbitacin-A**



H-Bonds  
Donor  
Acceptor

**H) Cucurbitacin-E**





I) Cucurbitacin-I