

Supporting information

Anti-Inflammatory, Anti-Diabetic, and Anti-Alzheimer's Effects of Prenylated Flavonoids from Okinawa Propolis: An Investigation by Experimental and Computational Studies

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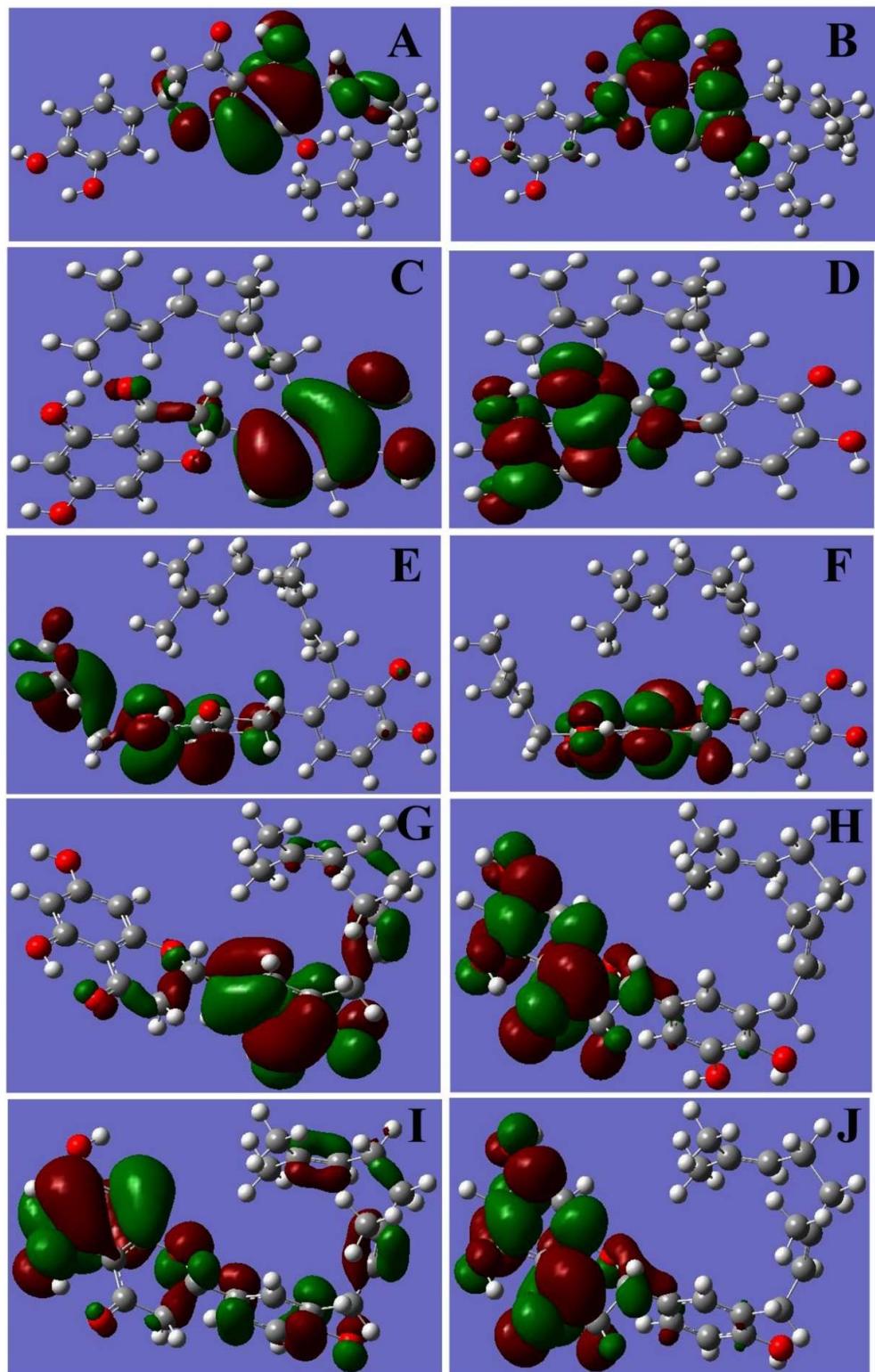


Figure S1. Visualization of frontier molecular orbitals of Okinawa propolis (OP) compounds. A, B – HOMO and LUMO of nymphaeol A (NA); C, D – HOMO and LUMO of nymphaeol B (NB); E, F – HOMO and LUMO of nymphaeol C (NC); G, H – HOMO and LUMO of isonymphaeol B (INB); I, J – HOMO and LUMO of 3'-geranyl-naringenin (GN). HOMO = highest occupied molecular orbital; LUMO = lowest unoccupied molecular orbital

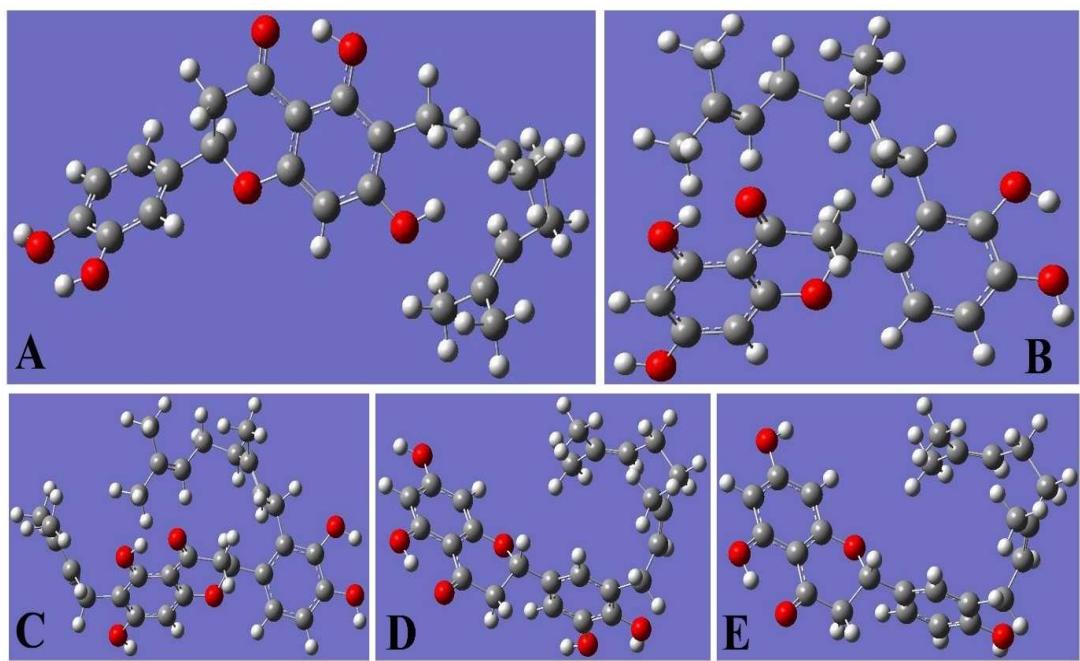


Figure S2. Optimized structures of OP compounds. A – NA, B – NB, C – NC, D – INB, F – GN.