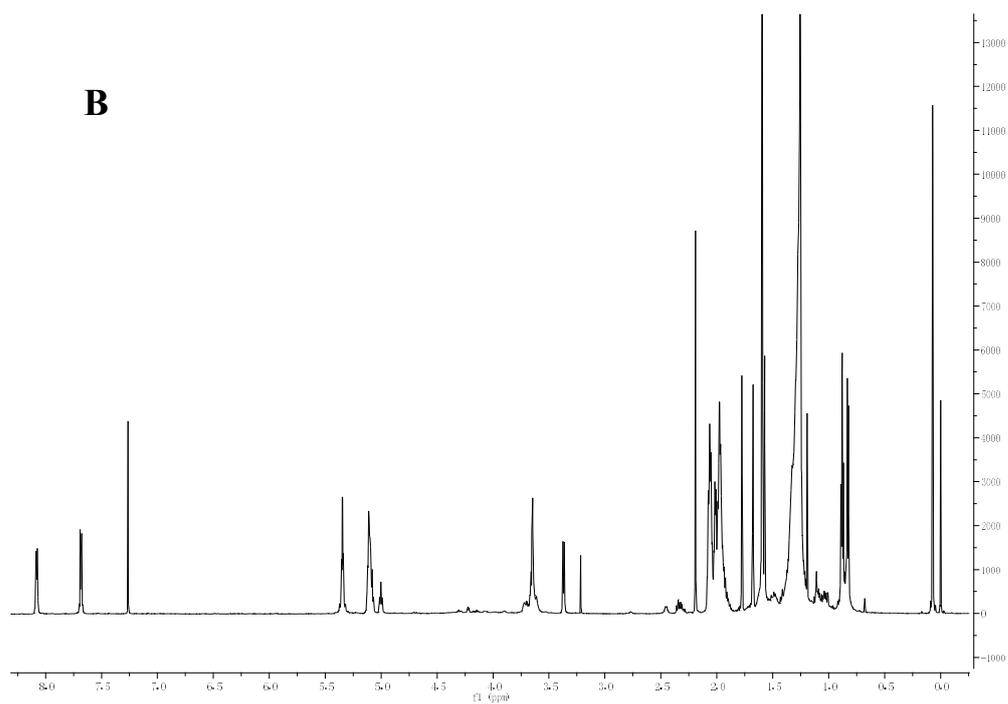
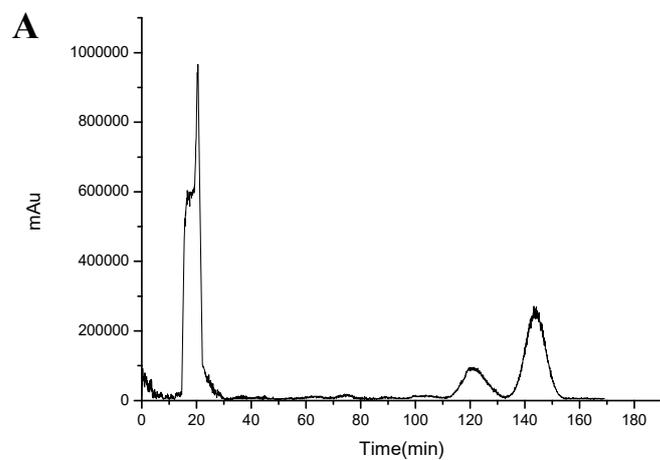
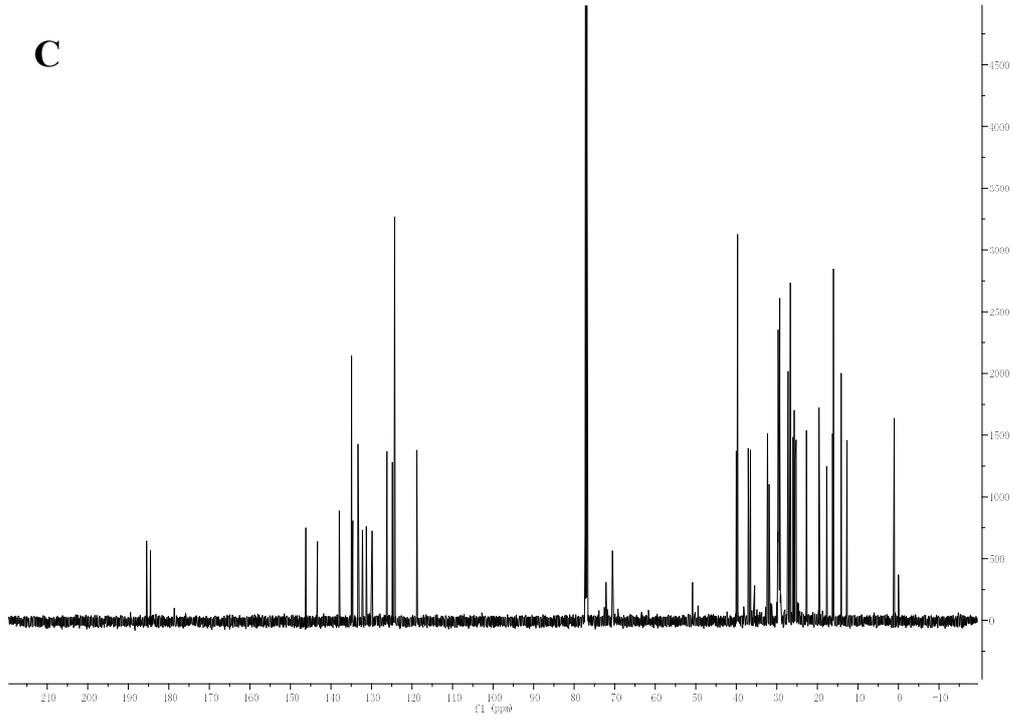


Figure S1



C



D

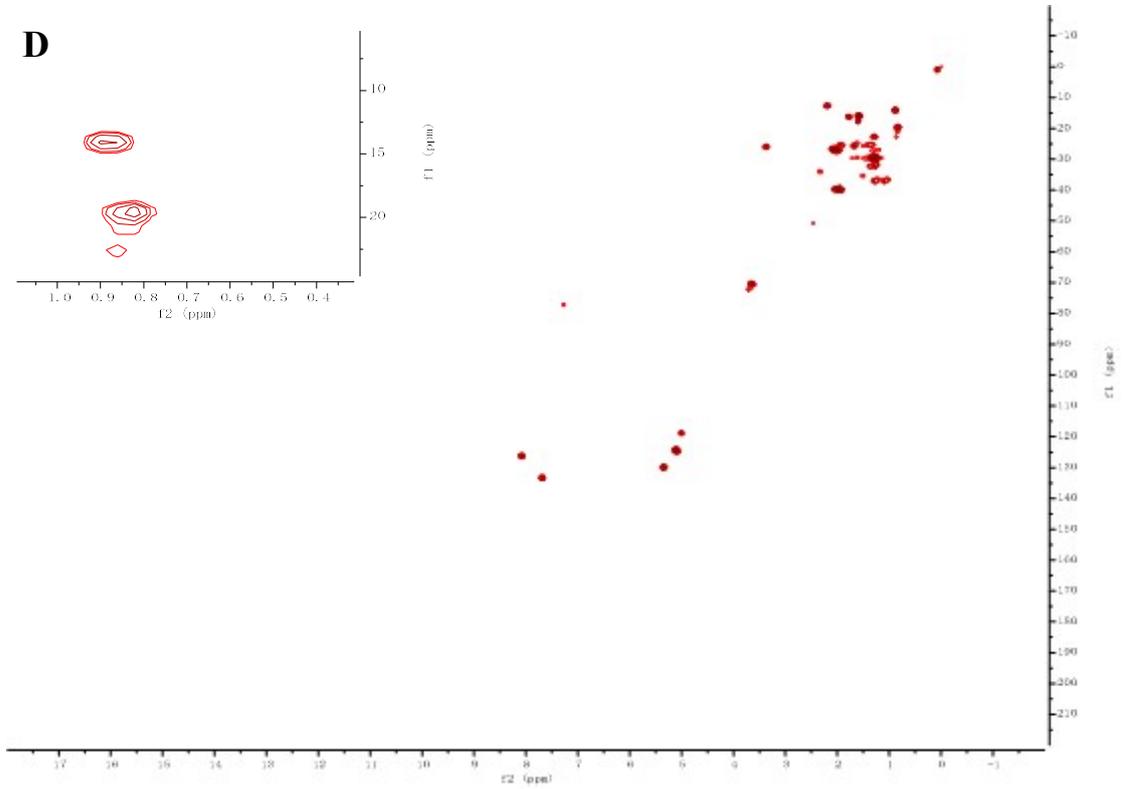


Figure S2

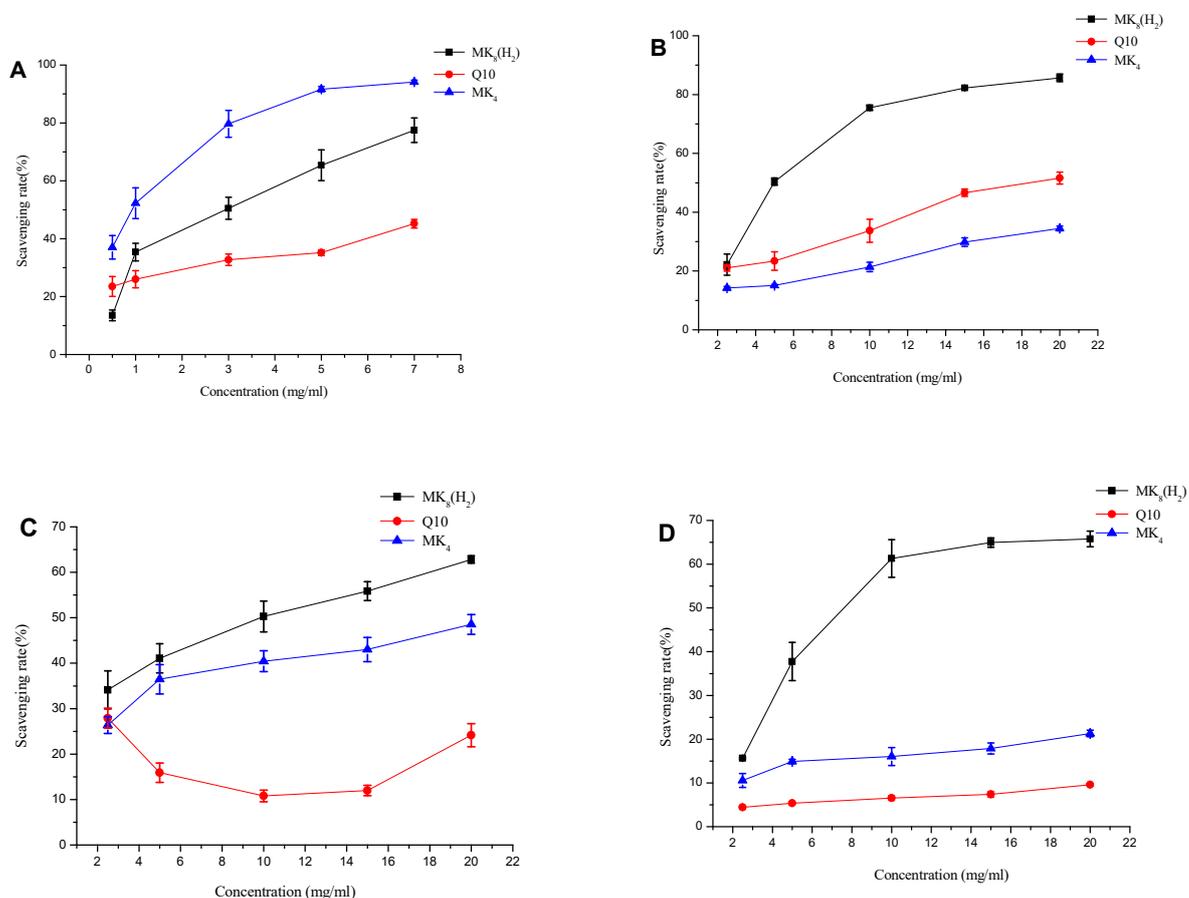


Figure S1. HSCCC spectrum of Menaquinone from *Rhodococcus*. sp B7740 (A); ¹HNMR (B), ¹³CNMR (C) and HSQC (D) spectra of MK₈(H₂).

Figure S2. Antioxidant ability of MK₈(H₂) compared with Q10 and MK₄ (A); Antiglycation effects of MK₈(H₂) compared with Q10 and MK₄ in BSA-fructose model (B), BSA-MGO model (C) and arginine-MGO model (D).