

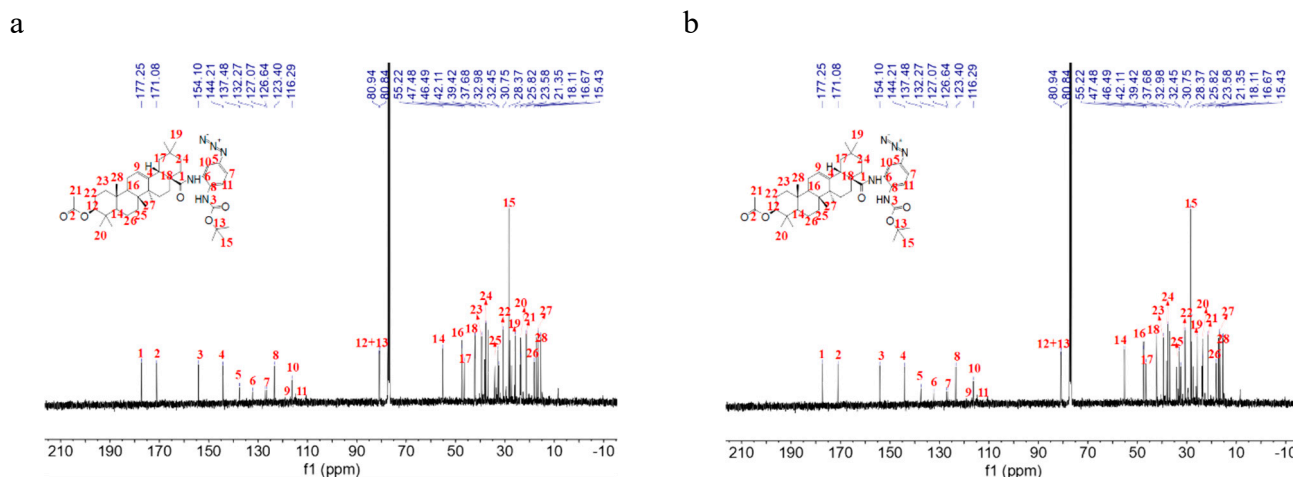


Figure S1. ^{13}C NMR characterization. (a) ^{13}C NMR spectrum of NO-responsive azide intermediate; (b) ^{13}C NMR spectrum of OA-Der.

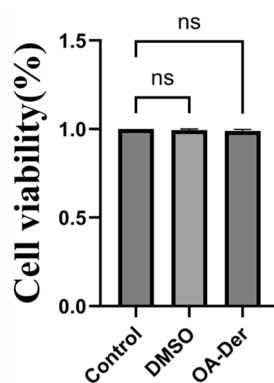


Figure S2. Cell viability of chondrocytes treated with Control, DMSO and OA-Der, as determined by CCK-8 assay.

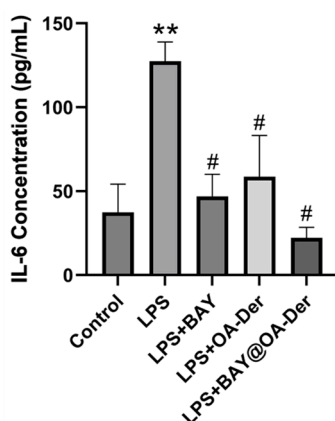


Figure S3. Quantitative analysis of IL-6 concentration (pg/mL) in the culture supernatants of chondrocytes under different treatments: Control, LPS, LPS+BAY, LPS+OA-Der, and LPS+BAY@OA-Der.

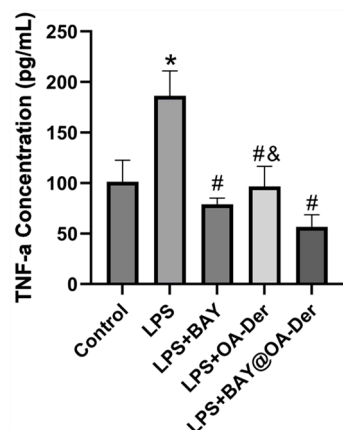


Figure S4. Quantitative analysis of TNF- α concentration (pg/mL) in the culture supernatants of chondrocytes under different treatments: Control, LPS, LPS+BAY, LPS+OA-Der, and LPS+BAY@OA-Der.

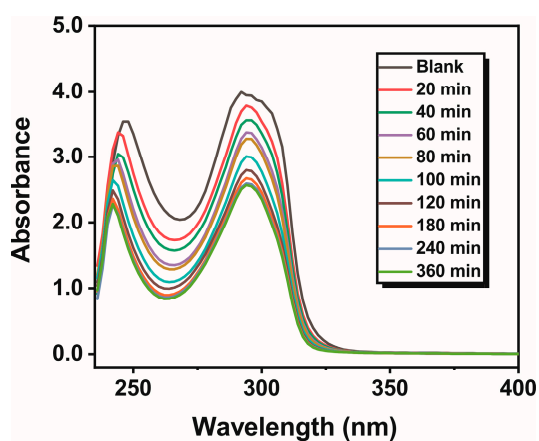


Figure S5. Time-dependent ultraviolet changes of the compound after the introduction of nitric oxide