

Supplementary Materials: A New Canthinone-Type Alkaloid Isolated from *Ailanthus altissima* Swingle

Hye Mi Kim, Jin Su Lee, Jurdas Sezirahiga, Jaeyoung Kwon, Miran Jeong, Dongho Lee, Jung-Hye Choi and Dae Sik Jang

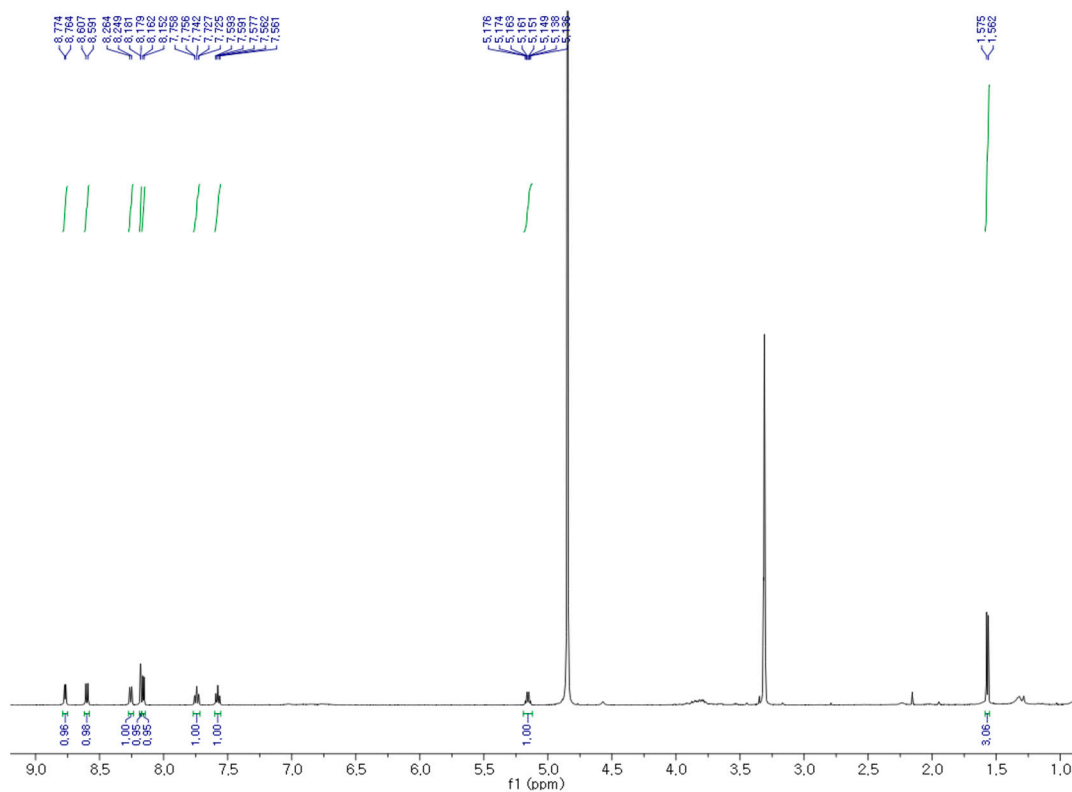


Figure S1. The ^1H -NMR spectrum of compound **1** (CD_3OD , 500MHz).

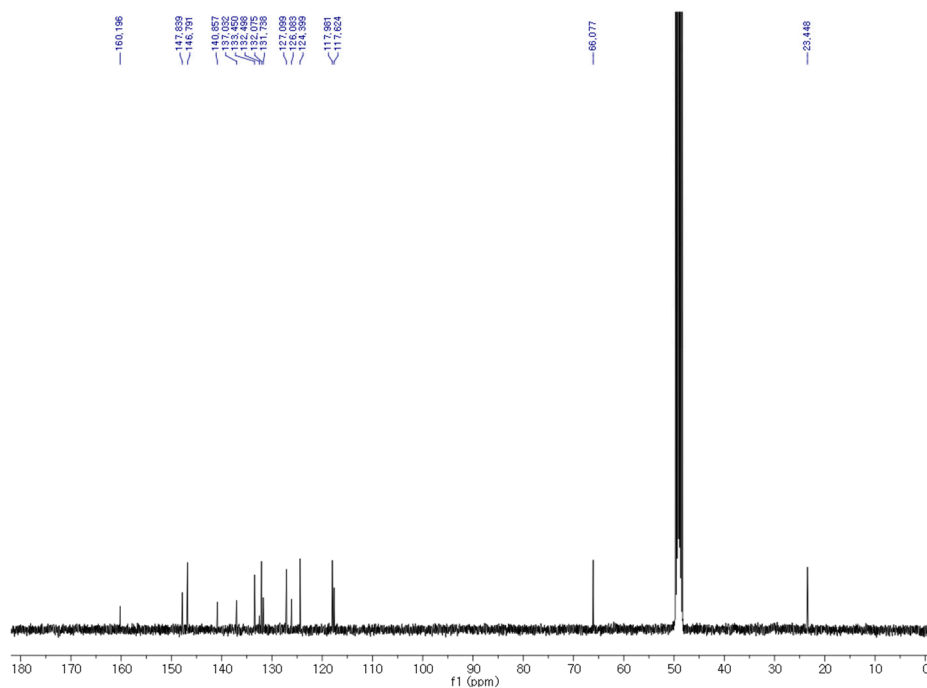


Figure S2. The ^{13}C -NMR spectrum of compound **1** (CD_3OD , 125MHz).

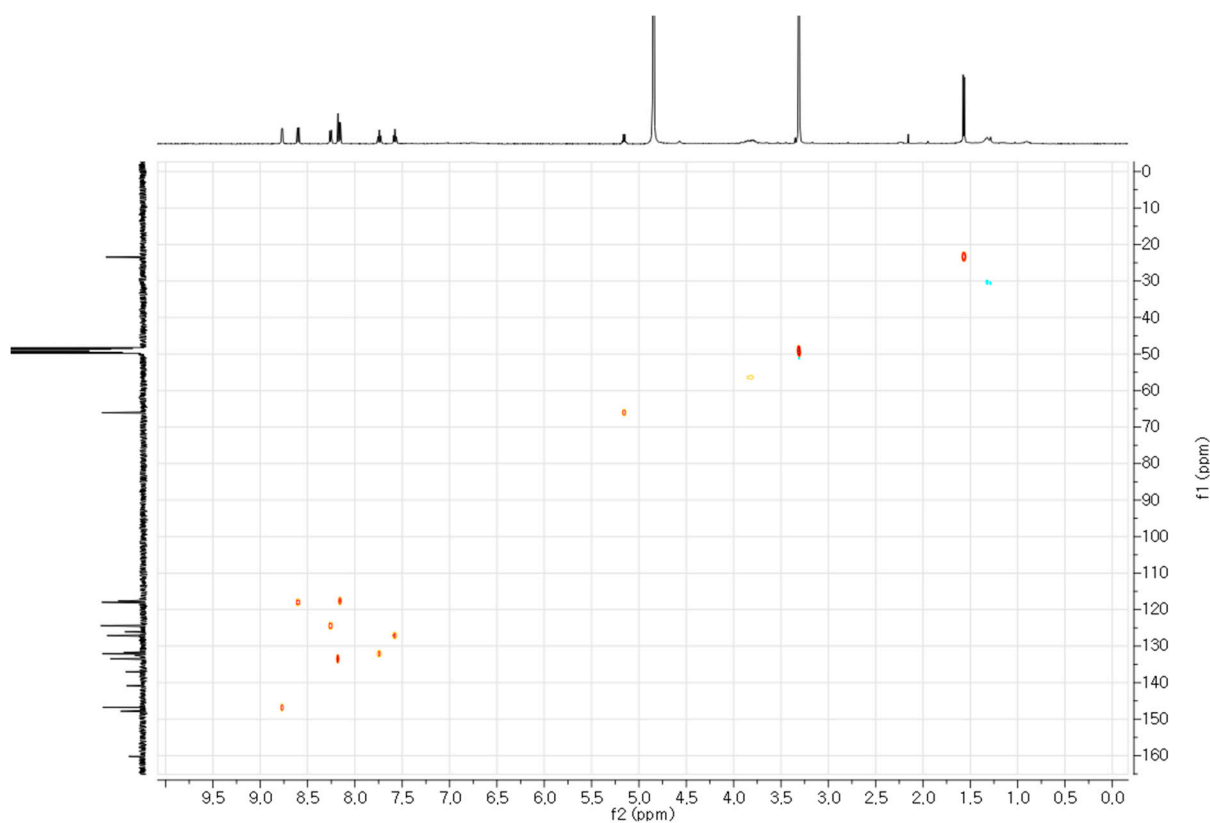


Figure S3. The 2D NMR (HMQC) spectrum of compound **1** (CD₃OD).

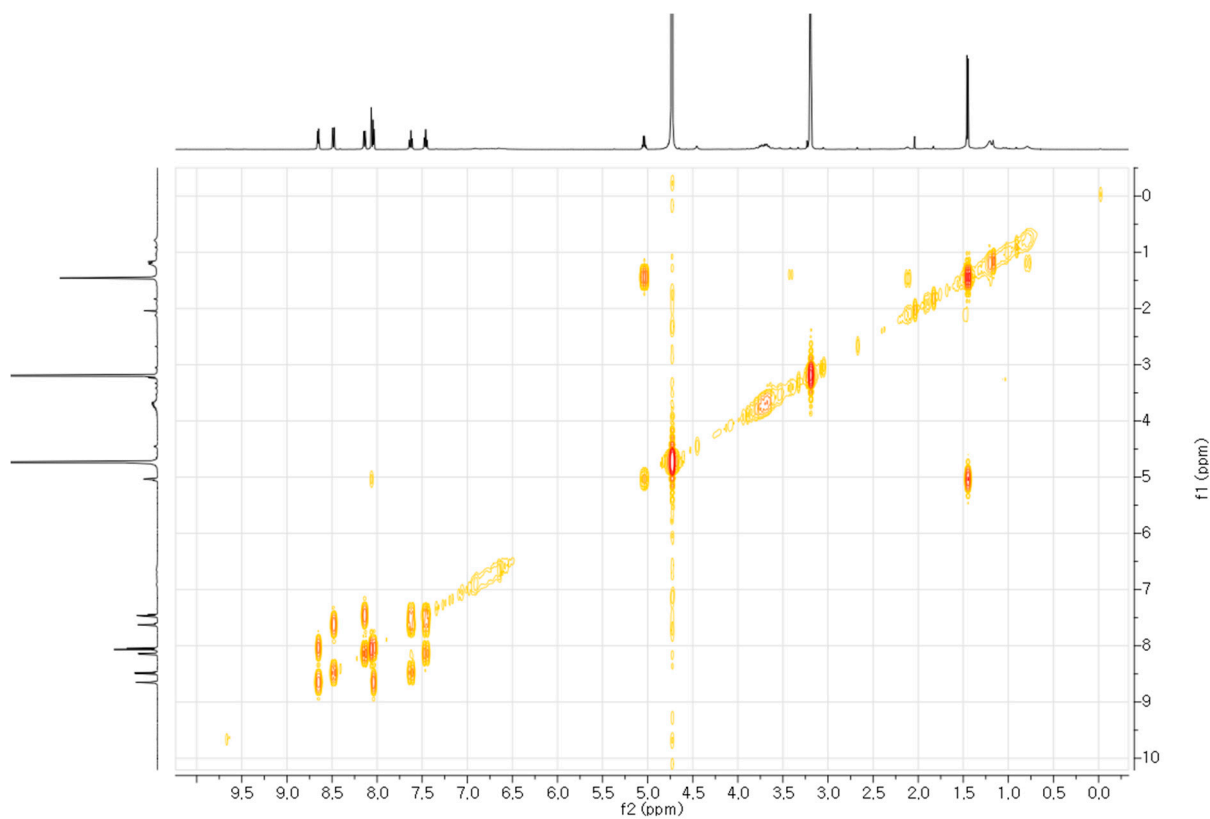


Figure S4. The 2D NMR (¹H-¹H COSY) spectrum of compound **1** (CD₃OD).

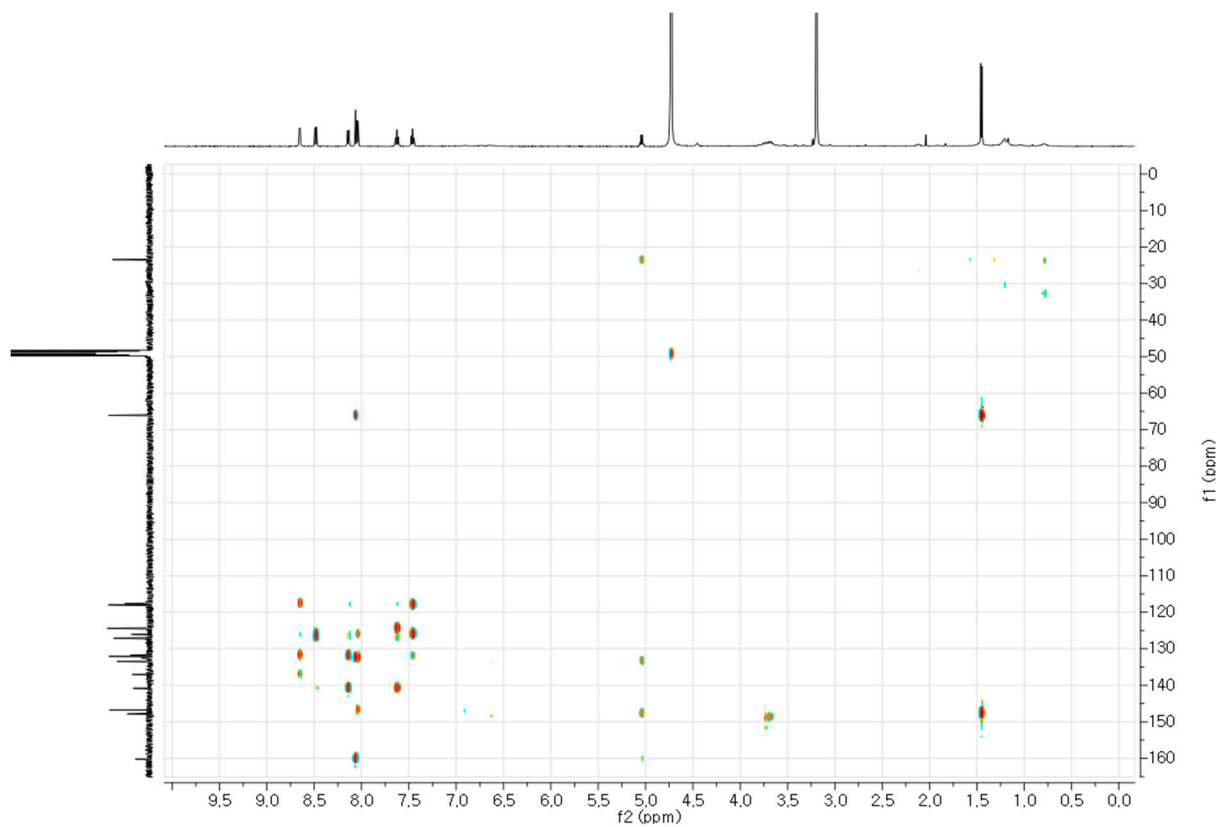


Figure S5. The 2D NMR (HMBC) spectrum of compound 1 (CD₃OD).

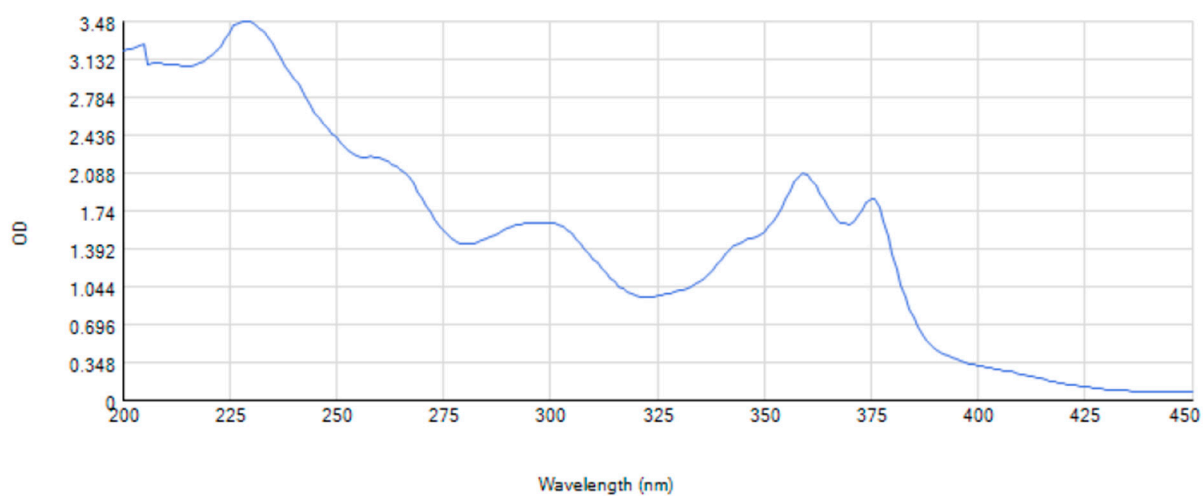


Figure S6. The UV spectrum of compound 1 (MeOH).

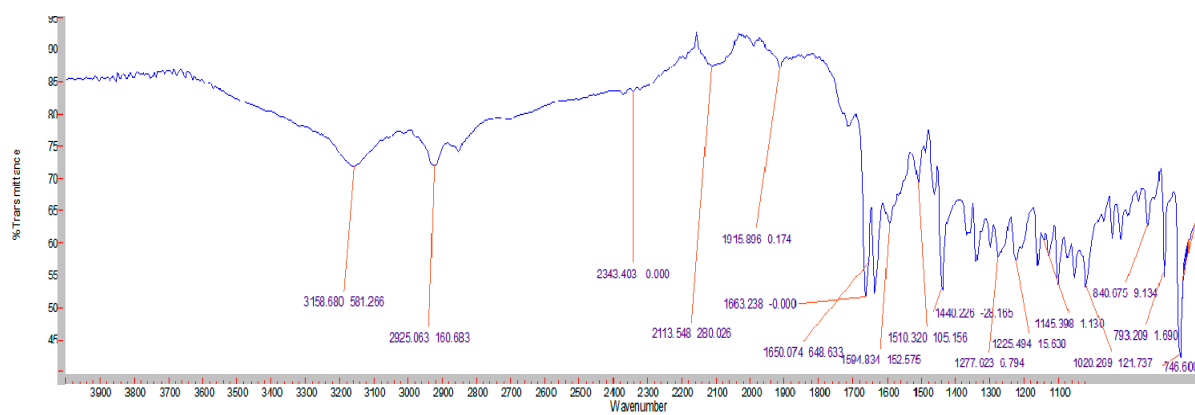


Figure S7. The IR spectrum of compound 1 (MeOH).

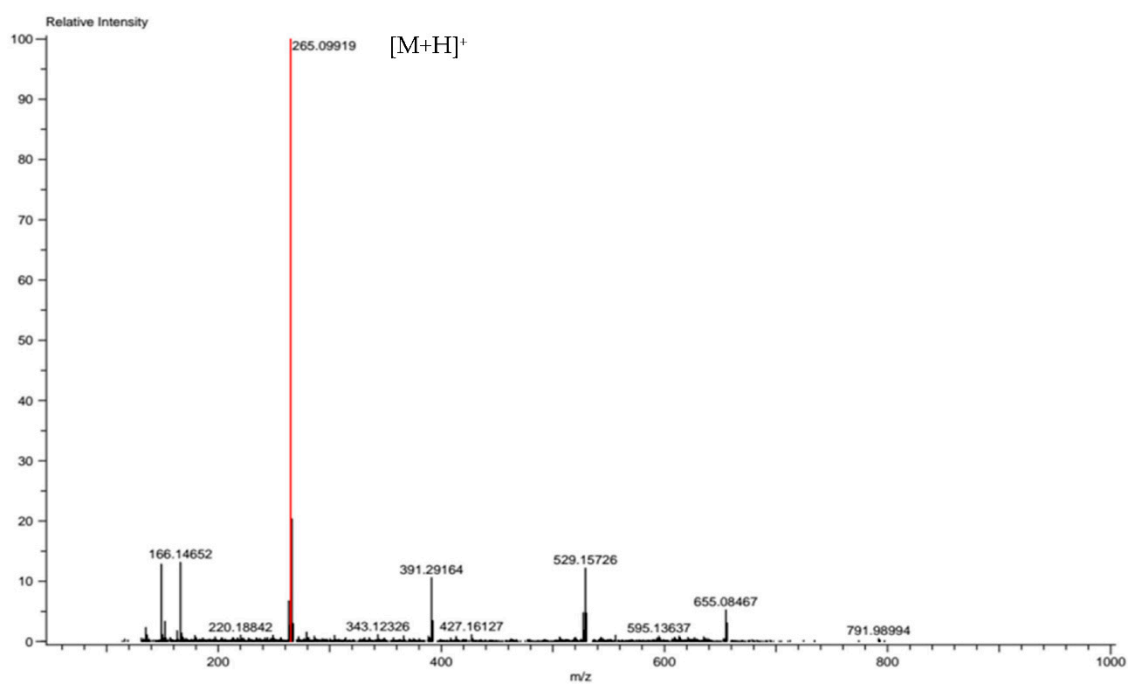


Figure S8. The HR-DART-MS spectrum of compound 1 (m/z 265.0992 $[M + H]^+$; calcd for $C_{16}H_{13}N_2O_2$, 265.0977).