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Carbonyl···Ether Supramolecular Building Block in 25,26-Oxidofriedel-1,3-dione. Kenneth J. Haller, Auphatham Phothikanith, School of Chemistry, Suranaree Univ. of Technology, Nakhon Ratchasima 30000 Thailand.

The crystal and molecular structure of 25,26-oxidofriedel-1,3-dione, isolated from *Salacia Chinensis* Linn is reported. The compound crystallizes in the monoclinic space group $P2_1$ with two molecules per unit cell. The crystal packing of the structure contains C–H···O hydrogen bonds and a rare supramolecular building block involving dipolar intermolecular contacts between the positive polarity carbon atom of a carbonyl group and the negative polarity oxygen atom of the ether linkage, $C(\delta^+) \cdots O(\delta^-)$. The new linkage is characterized from the structure and data in the Cambridge Crystal Structure Database.

Crystal Data: $C_{30}H_{46}O_3$, $M_r = 454.67$ D, monoclinic, $P2_1$, $a = 7.6688(1)$, $b = 16.1829(2)$, $c = 10.7132(2)$ Å, $\beta = 109.861(1)^\circ$, $V = 1250.46(3)$ Å³, $Z = 2$, $D_{calc} = 1.208$ Mg m⁻³, $T = 150(2)$ K, $\mu_{Mo} = 0.075$ mm⁻¹, Bruker Nonius KappaCCD, $R_{sym} = 0.055$, 2903 refl, 2622 refl $> 4\sigma(F_o)$, $R_1 = 0.036$, $gof = 1.048$, $\rho_{max} = 0.27$ e Å⁻³.