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(2E)-1-(2,5-Dimethyl-3-thienyl)-3-(2-methoxyphenyl)prop-2-en-1-one

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Abstract: In the title compound, C₁₆H₁₆O₂S, the central propenone group is almost planar (r.m.s. deviation = 0.009 Å) and subtends dihedral angles of 8.55 (8) and 16.22 (8)° to the 2-methoxyphenyl and 2,5-dimethylthiophene residues, respectively. The dihedral angle between the ring systems is 23.47 (5)°. In the crystal, molecules are linked by weak C-H...O interactions and aromatic π-π stacking [phenyl ring centroid-centroid separation = 3.6418 (11) Å; thiophene-thiophene ring separation = 3.8727 (9) Å].