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(E)-1-(2,5-Dimethyl-3-thienyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one

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Abstract: In the title compound, $C_{18}H_{20}O_4S$, the thiophene and benzene rings are oriented at a dihedral angle of $10.83(11)^\circ$. The central chain makes dihedral angles of $1.86(13)$ and $9.25(12)^\circ$ with the benzene and thiophene rings, respectively. In the crystal, molecules are linked through weak intermolecular C-H...O interactions. π - π interactions are also observed between the benzene rings with a centroid-centroid distance of $3.6832(12)$ Å. The slippage between the benzene rings is 0.956 Å.