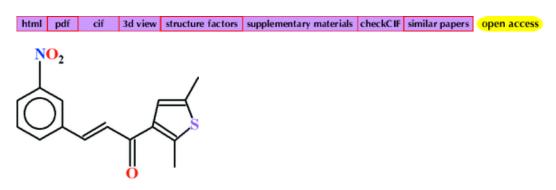
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(2E)-1-(2,5-Dimethylthiophen-3-yl)-3-(3-nitrophenyl)prop-2-en-1-one

A. M. Asiri, A. O. Al-Youbi, S. A. Khan and M. N. Tahir

Abstract: In the title compound, $C_{15}H_{13}NO_3S$, the benzene ring and the five-membered heterocyclic ring are oriented at a dihedral angle of 12.00 (6)°. In the crystal, C-H₋₋. O interactions generate two types of cyclic motifs, R_2^2 (14) and R_2^2 (26), connecting the molecules into tapes extending along [101]. In addition, there are π - π stacking interactions between the benzene and thiophene rings with centroid-centroid distances of 3.7263 (14) and 3.7487 (14) Å.