**organic compounds**

Acta Crystallographica Section E

**Structure Reports Online**

ISSN 1600-5368

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

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Received 14 August 2010; accepted 14 August 2010

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In the title compound, C_{16}H_{16}O_{2}S, 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)°. Cg2 is the centroid of C1-C6 ring.

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**Table 1**

Hydrogen-bond geometry (Å, °).

<table>
<thead>
<tr>
<th>D—H···A</th>
<th>H···A</th>
<th>D—A</th>
<th>D—H···A</th>
</tr>
</thead>
<tbody>
<tr>
<td>C7—H7A—Cg2</td>
<td>0.96</td>
<td>2.89</td>
<td>3.768 (2)</td>
</tr>
</tbody>
</table>

Symmetry code: (i) −x, −y+1, −z+1.

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The authors would like to thank the Chemistry Department, King Abdul Aziz University, Jeddah, Saudi Arabia, for providing the research facilities and for the financial support of this work via grant No. (3-045/430).

Supplementary data and figures for this paper are available from the IUCr electronic archives (Reference: HB5609).

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References