

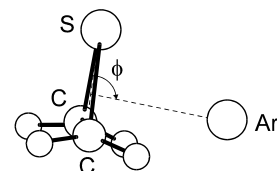
<b>251</b> MW	<b>C<sub>2</sub>H<sub>4</sub>ArS</b>	<b>Thiirane – argon (1/1)</b> (weakly bound complex)	<b>C<sub>s</sub></b> (effective symmetry class) (large-amplitude motion)
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$r_0$	Å <sup>a)</sup>	$\theta_0$	deg <sup>a)</sup>
$R_{\text{cm}}$	3.784(5)	$\phi^b)$	100.3(5)

The structure reported in [1] was improved by observing spectra of <sup>34</sup>S, <sup>33</sup>S and <sup>13</sup>C isotopomers.

<sup>a)</sup> Uncertainties were not estimated in the original paper.

<sup>b)</sup> Angle between the vector from the center of mass of thiirane to Ar and the bisector of the C–S–C bond angle.



Petitprez, D., Kassi, S., Wlodarczak, G.: 16th Coll. High Res. Mol. Spectrosc., Dijon, France (1999) O4.

[1] Legon, A.C., Lister, D.G.: Chem. Phys. Lett. **189** (1992) 149.

Replaces [II/25B\(3, 715\)](#)