

1537
MW

C₄H₄Ar₂O

Furan – argon (1/2)
(weakly bound complex)

C_{2v}
(effective symmetry class)

r_0	Å ^{a)}
R_{cm}	3.537(2)

θ_0	deg ^{a)}
φ ^{b)}	10.1(2)

The two argon atoms assume symmetrical positions above and below the furan plane.

^{a)} Uncertainties were not estimated in the original paper.

^{b)} φ represents the angle between R_{cm} and the axis perpendicular to the furan plane and passing through the center of mass of furan. It is positive when the Ar atoms are shifted towards the oxygen atom. See figure.

Spycher, R.M., Hausherr-Primo, L., Grassi, G., Bauder, A.:
J. Mol. Struct. **351** (1995) 7.

