

<b>2</b>	<b>AgArCl</b>	<b>Argon – silver chloride (1/1)</b>	<b>C<sub>∞v</sub></b>
MW		(weakly bound complex)	(effective symmetry class) (large-amplitude motion) Ar · AgCl
<hr/>			
	$r_0$	$\text{\AA}$	
	Ag–Cl	2.385(16)	
	Ar...Ag	2.597(14)	
<hr/>			
	$r_s$	$\text{\AA}$	
	Ag–Cl	2.2814(14)	
		2.26932(140) <sup>a)</sup>	
	Ar...Ag	2.5656(51)	
		2.61022(500) <sup>a)</sup>	

The complex is linear and rather rigid in the ground vibrational state. The Ar...Ag stretching wavenumber is *ca.* 140 cm<sup>-1</sup>.

<sup>a)</sup> By a double substitution method. Uncertainties were not estimated in the original paper.

Evans, C.J., Gerry, M.C.L.: J. Chem. Phys. **112** (2000) 1321.