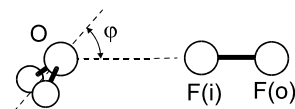


180 MW	F₂H₂O	Difluorine – water (1/1) (weakly bound complex)	C_s (effective symmetry class) (large-amplitude motion) F ₂ · H ₂ O
r_0	\AA	θ_0 deg	
O...F(i)	2.7480(27)	φ^a 48.5(21)	
O...F(o)	4.166(3)		



The intermolecular stretching force constant is 3.66 N m⁻¹.

^a) See figure for the definition.

Cooke, S.A., Cotti, G., Evans, C.M., Holloway, J.H., Kisiel, Z., Legon, A.C.,
Thumwood, J.M.A.: Chem. Eur. J. **7** (2001) 2295.