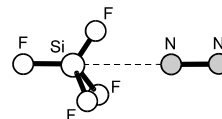


196	F₄N₂Si	Tetrafluorosilane – dinitrogen (1/1)	C_{3v}
IR		(weakly bound complex)	(effective symmetry class)
			SiF ₄ · N ₂

r_0	Å ^{a)}
R_{cm}	3.972(5)
Si...N ^{b)}	3.423(5)



The structure was determined from the rovibrational spectrum in the ν_3 SiF₄ vibrational band. The geometries of the monomer subunits were assumed to be unchanged upon complexation.

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

^{b)} Distance to the nearest-neighbor atom of the diatomic subunit.

Urban, R.-D., Rouillé, G., Takami, M.: J. Mol. Struct. **413** (1997) 511.