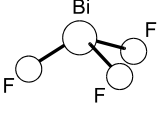


Structure Data of Free Polyatomic Molecules

83 ED	BiF₃	Bismuth trifluoride Bismuth(III) fluoride Trifluorobismuthine	C_{3v} BiF ₃
	$\frac{r_g}{\text{Bi-F}} \quad \text{\AA}^{\text{a})}$ $1.987(4)$		
	$\frac{r_\alpha}{\text{Bi-F}} \quad \text{\AA}^{\text{a})}$ $1.979(4)$	$\frac{\theta_\alpha}{\text{F-Bi-F}} \quad \text{deg}^{\text{a})}$ $96.1(6)$	

The temperature of the experiments was 916 K.

^a) Estimated total error.

Molnár, J., Kolonits, M., Hargittai, M.: J. Mol. Struct. **413-414** (1997) 441.