

Structure Data of Free Polyatomic Molecules

170	CoF₂	Cobalt difluoride	D_{∞h}
ED		Cobalt(II) fluoride	CoF ₂
	$r_e^a)$	$\text{\AA}^b)$	
	Co–F	1.738(6)	

The ED intensity curves were taken from [1].

^{a)} Anharmonic correction (via diagonal cubic force constants) was determined by fitting to the experimental intensity curves. Nonlinear kinematic effect was also taken into account.

^{b)} 2.5 times the estimated standard error including a systematic error.

Vogt, N.: J. Mol. Struct. **570** (2001) 189.

[1] Girichev, G.V., Subbotina, N.Yu., Krasnov, K.S., Ostropikov, V.V.: Izv. Vysch. Uchebn. Zaved., Khim. Khim. Tekhnol. **28**(7) (1985) 12.

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