

## Structure Data of Free Polyatomic Molecules

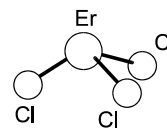
 150  
ED

 $\text{Cl}_3\text{Er}$ 
**Erbium trichloride**  
Erbium(III) chloride

 $\text{C}_{3v}$   
 $\text{ErCl}_3$ 

$r_g$	$\text{\AA}^a$
Er–Cl	2.430(5)

$\theta_g$	deg $^a$
Cl–Er–Cl	112.3(12)



Monomeric (97(2) mol%) and dimeric (3(2) mol%) molecules were detected in the vapor. The nozzle temperature was 1134(20) K.

<sup>a</sup>) 2.5 times the estimated standard error including a systematic error.

Giricheva, N.I., Girichev, G.V., Shlykov, S.A., Pelipets, O.V.: Zh. Strukt. Khim. **41** No.2 (2000) 285; J. Struct. Chem. (Engl. Transl.) **41** (2000) 231.