

Structure Data of Free Polyatomic Molecules

 197
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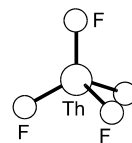
F₄Th
Thorium tetrafluoride

Thorium(IV) fluoride

T_d
ThF₄

r_g	$\text{\AA}^a)$
Th-F	2.124(5)

θ_g	$\text{deg}^a)$
F-Th-F	107.2(17)



The nozzle temperature was 1370(20) K.

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

 Girichev, G.V., Krasnov, A.V., Giricheva, N.I., Krasnova, O.G.: Zh. Strukt. Khim. **40** No.2 (1999) 251; J. Struct. Chem. (Engl. Transl.) **40** (1999) 207.

 Replaces [II/25A\(2, 597\)](#)