

1484  
ED

**C<sub>4</sub>F<sub>9</sub>I**

**Tris(trifluoromethyl)methyl iodide**  
Perfluoro-*t*-butyl iodide

**C<sub>3</sub>**  
CI(CF<sub>3</sub>)<sub>3</sub>

$r_g$	Å <sup>a)</sup>	$\theta$ <sup>b)</sup>	deg <sup>a)</sup>
C–C	1.544(15)	C–C–F	111.0(6)
C–F	1.333(4)	C–C–C	111.5(17)
C–I	2.157(30)	C–C–I	107.3(10)
		$\tau$ <sup>c)</sup>	10 <sup>d)</sup>

The temperature of the measurements was not stated (probably room temperature).

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

<sup>b)</sup> Unidentified, possibly  $\theta_a$ .

<sup>c)</sup> Torsional angles of the CF<sub>3</sub> groups, measured from the staggered position with respect to the C–I bond.

<sup>d)</sup> Assumed.

Yokozeki, A., Bauer, S.H.: J. Phys. Chem. **80** (1976) 73.