

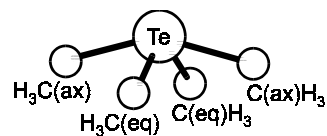
1861
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C₄H₁₂Te

Tetramethyltellurium

C_{2v}
Te(CH₃)₄

r_a	Å ^{a)}	θ_a	deg ^{a)}
Te–C(ax)	2.269(6)	C(eq)–Te–C(eq)	118(3)
Te–C(eq)	2.138(5)	C(ax)–Te–C(ax)	153(2)
C–H	1.104(3)	C(ax)–Te–C(eq)	83.1(4)
		Te–C–H	110.6(9)



The methyl groups are staggered with respect to the lone pair.
The measurements were made at 298 K.

^{a)} Twice the estimated standard errors.

Blake, A.J., Pulham, C.R., Greene, T.M., Downs, A.J., Haaland, A., Verne, H.P., Volden, H.V., Marsden, C.J., Smart, B.A.: J. Am. Chem. Soc. **116** (1994) 6043.