

1834
MW

C₄H₁₁P

***t*-Butylphosphine**

C_s
H₂P-C(CH₃)₃

r_0	Å ^{a)}	θ_0	deg ^{a)}
C-C	1.535 ^{a)}	C-C-H	109.9 ^{b)}
C-H	1.090 ^{b)}	C-C-C	108.5 ^{b)}
P-H	1.414 ^{b)}	H-P-H	93.4 ^{b)}
P-C	1.896(10) ^{b)}	C-P-H	95.7(10)

(P-H) = (P-D) ^{b)}

^{a)} Uncertainties were not estimated in the original paper.

^{b)} Assumed.

Li, Y.S., Cox, A.W., Durig, J.R.: J. Mol. Spectrosc. **70** (1978) 34.