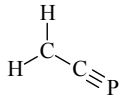
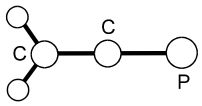
228 **C_2H_2P** **Phosphinidyneethyl** **C_{2v}**

MW, *ab initio* calculations
(CCSD(T)/cc-pVTQZ)



r_e	Å	θ_e	deg
C–H	1.0816(5)	H–C–H	118.22(5)
C–C	1.3418(10)		
C≡P	1.5889(10)		



Rotational spectra in the $\tilde{X}\,^2B_1$ ground electronic state were observed.

Ahmad, I.K., Ozeki, H., Saito, S., Botschwina, P.: J. Chem. Phys. **109** (1998) 4252.