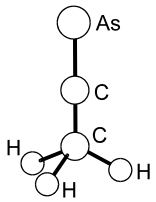
232 **C_2H_3As** **Ethylidynearsine** **C_{3v}**

IR, DFT calculations $H_3C–C{\equiv}As$

(B3LYP/6-311++G(3df,2pd))

r_z	Å [a])	θ_z	deg [a])
C≡As	1.659(2)	C–C–H	110.6(2)
C–C	1.467(2)	H–C–H	108.3(2)
C–H	1.097(2)		

r_e	Å [a])	θ_e	deg [a])
C≡As	1.658(2)	C–C–H	110.6(2)
C–C	1.465(2)	H–C–H	108.3(2)
C–H	1.091(3)		



[a]) Estimated total errors.

Dréan, P., Bürger, H., Demaison, J., Boggs, J.E.: J. Mol. Struct. **485** (1999) 51.

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