

1365
ED

C₃H₉As

Trimethylarsine

C_{3v} assumed
As(CH₃)₃

r_a	\AA^a	θ_α	deg^a
As–C	1.968(3)	C–As–C	96.1(5)
C–H	1.100(6)	As–C–H	109.0(6)

The orientation of the methyl groups was assumed to be staggered.

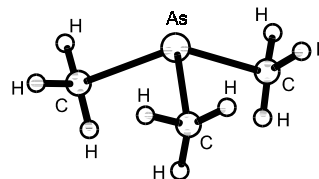
The nozzle temperature was 20 °C.

^a) Estimated standard errors.

Blom, R., Haaland, A., Seip, R.: Acta Chem. Scand. Ser. A **37** (1983) 595.

See also: Beagley, B., Medwid, A.R.: J. Mol. Struct. **38** (1977) 229.

Jacob, E.J., Samdal, S.: J. Am. Chem. Soc. **99** (1977) 5656.



MW

r_0	\AA	θ_0	deg
As–C	1.959(10)	C–As–C	96.0(30)
C–H	1.090 ^a)	H–C–H	107 ^a)

^a) Assumed.

Lide, D.R.: Spectrochim. Acta **14** (1959) 473.

C_{3v}