

1417
ED

C₃H₉PSe

Trimethylphosphine selenide

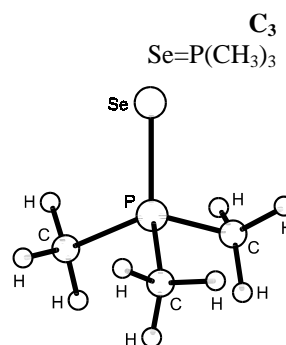
r_a	Å ^{a)}	θ_a	deg ^{a)}
P=Se	2.091(3)	Se=P-C	113.8(4)
P-C	1.816(3)	P-C-H	109.9(17)
C-H	1.100(9)	τ ^{b)}	16.4(72)

The nozzle temperature was 132...135 °C.

^{a)} Twice the estimated standard errors including a systematic error.

^{b)} The torsional angle H-C-P=Se, $\tau = 0^\circ$ for the *anti* position.

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



MW

r_0	Å	θ_0	deg
P=Se	2.091(17)	Se=P-C	113.83(94)
P-C	1.817(6)	P-C-H	110.12(190)
C-H	1.090 ^{a)}	H-C-H ^{b)}	108.81
		C-P-C ^{b)}	104.78

^{a)} Fixed.

^{b)} Calculated from independent variables.

Chatterjee, K.K., Durig, J.R.: J. Mol. Struct. **327** (1994) 237.

C_{3v}