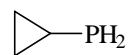


1340
MW

C₃H₇P

Cyclopropylphosphine
Phosphinocyclopropane

C_s



r_0	Å	θ_0	deg
C–H	1.080 ^{a)}	C–C–C	60 ^{a)}
C–C	1.513(10)	H–C–H	116.2 ^{a)}
C–P	1.834(10)	C–P–H	98.3(15)
P–H	1.413(15)	α ^{b)}	121.1(10)
H...H ^{c)}	2.062(5)		

The H atoms of PH₂ are *trans* to the cyclopropyl ring.

^{a)} Assumed.

^{b)} Angle between the ring plane and the C–P bond.

^{c)} In the PH₂ group.

Dinsmore, L.A., Britt, C.O., Boggs, J.E.: J. Chem. Phys. **54** (1971) 915.