

1410
ED

C₃H₉O₃P

Trimethyl phosphite

P(OCH₃)₃

r_a	\AA^a	θ_a	deg^a
P–O	1.620(2)	O–P–O	100.5(6)
C–O	1.420(8)	P–O–C	118.9(10)
C–H	1.117(14)	O–C–H	105.7(24)

No definite conclusion about the conformation was reached. The gas phase may contain a mixture of conformers.

The measurements were made at room temperature.

^a) Uncertainties are larger than those listed in the original data.

Zaripov, N.M., Naumov, V.A., Tuzova, L.L.: Dokl. Akad. Nauk SSSR **218** (1974) 1132;
Proc. Acad. Sci. USSR (Engl. Transl.) **218** (1974) 972.