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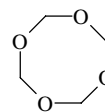
C₄H₈O₄

1,3,5,7-Tetraoxacyclooctane
1,3,5,7-Tetroxocane

C_s (boat-chair)
C_{4v} (crown)

r_a	\AA^a
O–C	1.404(1)
C–H	1.088(3)

θ_a	deg ^{a)}
C–O–C	114.4(22)
O–C–O	114.3(21)
H–C–H	112.4 ^{b)}

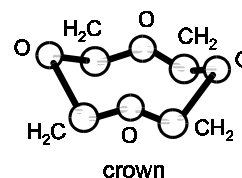
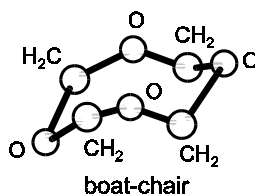


The molecule exists as a mixture of symmetric crown (32(6)%) and boat-chair (68(6)%) conformers.

The nozzle temperature was 100 °C.

^{a)} Estimated standard errors including a systematic error.

^{b)} Assumed.



Astrup, E.E.: Acta Chem. Scand. Ser. A **34** (1980) 85.