

1756
MW

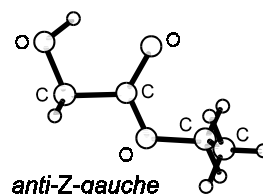
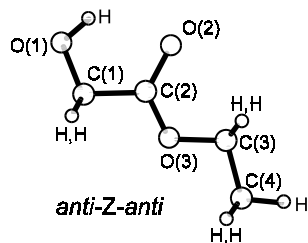
C₄H₈O₃

Ethyl glycolate

C_s (*anti-Z-anti*)
C₁ (*anti-Z-gauche*)
 HO-CH₂-C(O)-O-CH₂-CH₃

Atom	$ a_s $ [Å]	$ b_s $ [Å]	$ c_s $ [Å]
H (OH) <i>anti-Z-anti</i>	2.626	0.563	0.0
H (OH) <i>anti-Z-gauche</i>	2.343	1.050	0.076

Two conformers, *anti-Z-anti* and *anti-Z-gauche*, were detected. The former is 1.9(5) kJ mol⁻¹ more stable than the latter. *Anti-Z-anti* is converted into *anti-Z-gauche* by 96° rotation around the O(3)-C(3) bond.



Marstokk, K.-M., Møllendal, H.: Acta Chem. Scand. **46** (1992) 1183.