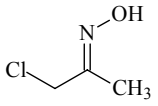
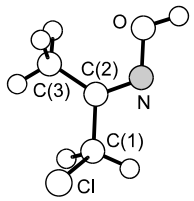
393 **C_3H_6ClNO** **(*E*)-1-Chloro-2-propanone oxime** **C_1**
MW Chloroacetone oxime



θ_0	deg [a])
φ [b])	116.8(5)

Atom	$\lvert a_s \rvert$ [Å]	$\lvert b_s \rvert$ [Å]	$\lvert c_s \rvert$ [Å]
Cl	2.119	0.0 [c])	0.255

The observed rotational constants, in particular, the change in $I_{cc}–I_{aa}–I_{bb}$ upon substitution of ^{35}Cl by ^{37}Cl and the r_s-coordinates of Cl agreed well with those expected for the *anticlinal* form in the *E*-isomer.



[a]) Uncertainty was not estimated in the original paper.
[b]) Dihedral angle Cl–C(1)–C(2)=N.
[c]) Assumed.

Sakaizumi, T., Imajo, H., Usami, T., Kuze, N., Ohashi, O., Iijima, K.: J. Mol. Struct. **522** (2000) 243.