

658
MW

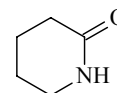
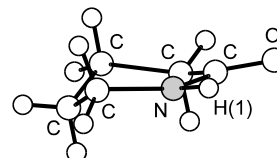
C₅H₉NO

2-Piperidinone
5-Pentanelactam

C₁

Atom	$ a_s $ [Å]	$ b_s $ [Å]	$ c_s $ [Å]
H(1)	0.904	1.966	0.099

A comparison of the observed molecular constants with values from MP2/6-31G(d,p) calculations led to the conclusion that the observed spectra were due to a half-chair conformer shown in the figure.



Kuze, N., Funahashi, H., Ogawa, M., Tajiri, H.,
Ohta, Y., Usami, T., Sakaizumi, T., Ohashi, O.: J. Mol. Spectrosc. **198** (1999) 381.