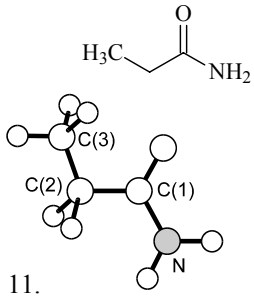
**429** **$C_3H_7NO$** **Propionamide** **$C_s$**
MW Propanamide




One conformer was assigned, which has the methyl group *syn* to the carbonyl group. The barrier to internal rotation of the methyl group is 9.1(5) kJ $mol^{-1}$.
The wavenumber of torsion about the C(1)–C(2) bond is determined to be 45(7) $cm^{-1}$. There is no (or a very small) potential hump at the heavy-atom planar conformation.

Marstokk, K.-M., Møllendal, H., Samdal, S.: J. Mol. Struct. **376** (1996) 11.