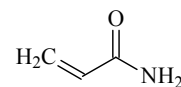


383
MW

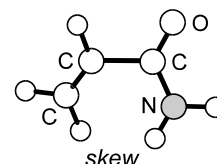
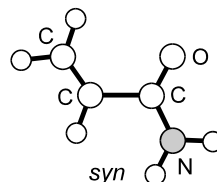
 $\text{C}_3\text{H}_5\text{NO}$
Acrylamide
2-Propenamide

 C_s (*syn*)
 C_1 (*skew*)

θ_0	deg ^{a)}	
$\text{C}=\text{C}-\text{C}=\text{O}$ ^{b)}	<i>syn</i>	<i>skew</i>
	0	155(2)



Two conformers were assigned; the most stable conformer is planar with the carbonyl and vinyl groups in the *syn* conformation and the second, *skew* form is nonplanar, 6.5(6) kJ mol⁻¹ less stable than *syn*.



^{a)} Uncertainty was not estimated in the original paper.

^{b)} Dihedral angle.

Marstokk, K.-M., Møllendal, H., Samdal, S.: J. Mol. Struct. **524** (2000) 69.