

1706
ED

C₄H₇NO

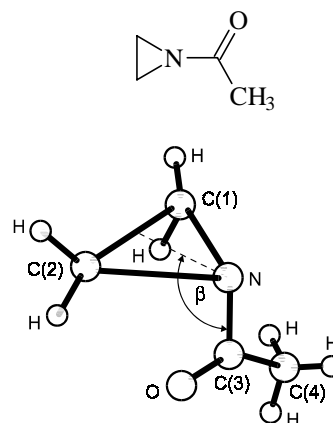
***N*-Acetylaziridine**
N-Acetylethylenimine

C₁

$r^a)$	Å ^{b)}	$\theta^a)$	deg ^{b)}
C(3)–N	1.446(18)	N–C(3)=O	126(4)
C(3)=O	1.226(8)	N–C(3)–C(4)	114.5(20)
C(3)–C(4)	1.515(20)	$\beta^c)$	118(2)
C(1,2)–N	1.485(10)	$\tau^d)$	61.5(10)
C(1)–C(2)	1.485(10)		

Though no explicit remark was made in the original paper, the N, C(3), C(4) and O atoms were probably assumed to be planar.

The temperature of the measurement was not stated, probably room temperature.



^{a)} Unidentified, possibly r_a and θ_a .

^{b)} Uncertainties are larger than those listed in the original data, as obtained in the least-squares calculations.

^{c)} For the definition, see figure.

^{d)} Torsional angle around the N–C(3) bond, $\tau = 0^\circ$ when the C=O bond is eclipsed with respect to the bisector of the C(1)–N–C(2) angle.

Tarasenko, N.A., Avakyan, V.G., Belik, A.V.: Zh. Strukt. Khim. **19** (1978) 541; Russ. J. Struct. Chem. (Engl. Transl.) **19** (1978) 470.