

1035
MW

C₃HFO

Propioloyl fluoride
Propynoyl fluoride

C_s

r_0	$\text{\AA}^{\text{a)}}$	θ_0	$\text{deg}^{\text{a)}}$
C–H	1.055 ^{b)}	H–C≡C	180 ^{b)}
C≡C	1.209 ^{b)}	C≡C–C	180 ^{b)}
C–C	1.454(5)	C–C=O	127.21(50)
C=O	1.181 ^{b)}	C–C–F	109.63(50)
C–F	1.331(5)	O=C–F	123.16(50)

^{a)} Uncertainties were not estimated in the original paper.

^{b)} Assumed.

Davis, R.W., Gerry, M.C.L.: J. Mol. Spectrosc. **57** (1975) 118.

