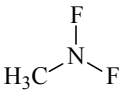
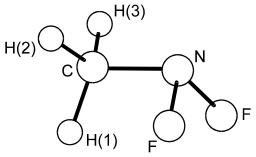
116 **CH_3F_2N** ***N,N*-Difluoromethanamine** **C_s** assumed

ED, MW, *ab initio* calculations

N,N-Difluoromethylamine



r_g	Å [a])	θ_α	deg [a])
C–H(1) [b])	1.124(5)	C–N–F	104.1(2)
C–H(2,3) [b])	1.123(5)	F–N–F	101.7(2)
N–F	1.408(2)	N–C–H(1)	109.9(11)
C–N	1.469(2)	N–C–H(2,3)	106.5(10)
		H(2)–C–H(3)	110.6(28)



The nozzle temperature was 295 K.

[a]) Twice the estimated standard errors.
[b]) Difference in the C–H bond lengths was assumed at the results of MP2/6-311++G(2d,2p) calculations.

Hagen, K., Hedberg, K., John, E.O., Kirchmeier, R.L., Shreeve, J.M.: J. Phys. Chem. A **102** (1998) 5106.

II/25B(**3**, 279)