

1694
MW

C₄H₇F

Methylenecyclopropane – hydrogen fluoride (1/1)
(weakly bound complex)

C_s
(effective symmetry class)

r_0	Å	θ_0	deg
r	2.138(8)	γ	168.2(9)
R_{cm}	3.097(8)	α	90 ^{a)}

HF is attached in a T-type configuration to the double bond of methylenecyclopropane in, or near to the σ_v mirror plane that bisects the ring. The tilt of HF in this plane towards the ring is about 12°.

^{a)} Assumed value.

Kisiel, Z., Fowler, P.W., Legon, A.C.:
Chem. Phys. Lett. **232** (1995) 187.

