

1173
MW

C₃H₄S

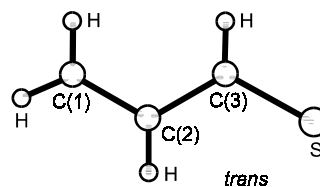
2-Propenethial
Thioacrolein

C_s
H₂C=CH-CH=S

| r_s | Å | θ_s | deg |
|-------|-----------|------------|-----------|
| C=C | 1.341(9) | C-C=C | 122.9(17) |
| C-C | 1.455(27) | C-C=S | 125.5(19) |
| C=S | 1.610(20) | | |

| Atom | a_s [Å] | b_s [Å] |
|------|---------------|-----------|
| C(1) | -2.4025 | -0.071 |
| C(2) | -1.1515 | 0.4104 |
| C(3) | ^{a)} | -0.4469 |
| S | 1.5515 | 0.062 |

^{a)} Imaginary.



Georgiou, K., Kroto, H.W.: J. Mol. Spectrosc. **83** (1980) 94.