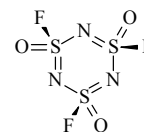
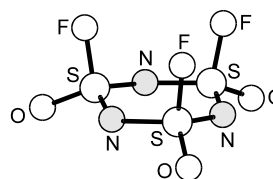


191
ED $\text{F}_3\text{N}_3\text{O}_3\text{S}_3$ **1,3,5-Trifluoro-1,3,5-trioxo-1 λ^6 ,3 λ^6 ,5 λ^6 ,2,4,6-cyclotrithiatriaza-2,4,6-triene***cis,cis*-1,3,5-Trifluoro-1 λ^4 ,3 λ^4 ,5 λ^4 -1,3,5,2,4,6-trithiatriazine 1,3,5-trioxide C_{3v} assumed

| r_a | \AA^a | θ_a | deg a |
|-----------------------------|----------------|------------|-----------|
| S–(N,F) b | 1.553(2) | N–S–N | 115.2(11) |
| $\Delta(\text{S–N,F})$ c | 0.006(12) | S–N–S | 121.6(9) |
| S–N | 1.551(6) | N–S–F | 103.0(5) |
| S–F | 1.557(9) | N–S=O | 114.2(5) |
| S=O | 1.390(3) | F–S=O | 105.0(7) |
| | | τ^d | 24.5(48) |

The nozzle temperature was 40 °C.

 a) Three times the estimated standard errors. b) Average value of the S–N and S–F distances. c) $[\text{S–F}] - [\text{S–N}]$. d) Torsional angle S–N–S–N.Haist, R., Oberhammer, H., Lork, E., Mews, R.: J. Fluor. Chem. **89** (1998) 51.