

1172
MW

C₃H₄S

(Methyl)thioketene
1-Propene-1-thione

C_s
H₃C–CH=C=S

r_0	Å ^{a)}	θ_0	deg ^{a)}
Set I		Set I	
C=S	1.5576(50)	C=C–C	122.97(50)
C=C	1.3163(50)		
C–C	1.518 ^{b)}		
Set II		Set II	
C=S	1.5520(50)	C=C–C	122.60 ^{b)}
C=C	1.3321(50)		
C–C	1.508(10)		
Set III		Set III	
C=S	1.5627(50)	C=C–C	122.90(50)
C=C	1.3140 ^{b)}		
C–C	1.515(10)		

Three sets were reported.

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

^{b)} Assumed.

Bak, B., Svanholt, H., Holm, A.: Acta Chem. Scand. Ser. A **34** (1980) 625.