Molecular Formula: $C_9H_{20}N_2S$
Molecular Weight: 188.336
Accurate Mass: 188.134718
Percentage Composition: C 57.40%; H 10.70%; N 14.87%; S 17.03%
Use/Importance: Used as 0.05*M* $CHCl_3$ soln. for extraction-sepn. of noble metals (after treatment with $SnCl_2$)
Physical Description: Cryst. (EtOH)
Solubility: Sol. EtOH, $CHCl_3$, C_6H_6
Fluka: 34902
Rare Chemicals Library: S44682-3

>>**Derivative:** *N*,*N*'-Dihexyl

CAS Registry Number: 21071-28-3
Molecular Formula: $C_{13}H_{28}N_2S$
Molecular Weight: 244.444
Accurate Mass: 244.197318
Percentage Composition: C 63.88%; H 11.55%; N 11.46%; S 13.12%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 40°
Rare Chemicals Library: S57038-9
Other: PB D26660

>>**Derivative:** *N*-(2-Propenyl)

>>**Derivative:** *N*,*N*'-Bis(2-propenyl)
Synonym(s): *N*,*N*'-Diallylthiourea

CAS Registry Number: 6601-20-3
Molecular Formula: $C_7H_{12}N_2S$
Molecular Weight: 156.251
Accurate Mass: 156.072118
Percentage Composition: C 53.81%; H 7.74%; N 17.93%; S 20.52%
Physical Description: Leaflets (EtOH aq.)
Melting Point: Mp 49.5°
Rare Chemicals Library: S37112-2
Other: PB D03870

>>**Derivative:** *N*-Benzyl

>>**Derivative:** *N,N*-Dibenzyl

>>**Derivative:** *N,N*'-Dibenzyl

>>**Derivative:** *N*-Ph

>>**Derivative:** *N,N*'-Di-Ph