>>**Entry Name: 2-Propenylthiourea,** 9CI
Synonym(s): Allylthiourea, INN**.** Allylthiocarbamide. **Aminosin‡.** Rhodallin. Rodalina. Thiosinamine. Tiosinamine. *N*,*N*-Diethyl-*N*'-2-propenylthiourea

CAS Registry Number: 109-57-9

Molecular Formula: $C_4H_8N_2S$
Molecular Weight: 116.187
Accurate Mass: 116.040818
Percentage Composition: C 41.35%; H 6.94%; N 24.11%; S 27.60%
Use/Importance: Used to minimise scar tissue
Physical Description: Monoclinic or rhombic prisms
Melting Point: Mp 78°. Mp 55°
Solubility: Sol. H_2O, EtOH, spar. sol. Et_2O, insol. C_6H_6
Calculated Log P Data: Log P –0.12 (calc)
Hazard & Toxicity: Powerful allergen. LD_{50} (rat, orl) 200 mg/kg

Aldrich: 10880-4
Fluka: 6064
Sigma: T9162

>>**Derivative:** *N*,*N*-Di-Et
Synonym(s): *N*,*N*-Diethyl-*N*'-2-propenylthiourea, 9CI

CAS Registry Number: 21645-26-1
Molecular Formula: $C_8H_{16}N_2S$
Molecular Weight: 172.294
Accurate Mass: 172.103418
Percentage Composition: C 55.77%; H 9.36%; N 16.26%; S 18.61%
Physical Description: Prisms (EtOH)
Melting Point: Mp 55°
Other: PB: D19700

References:

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