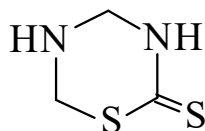




>>Entry Name: Tetrahydro-2H-1,3,5-thiadiazine-2-thione, 9CI
Synonym(s): Formocarbthialdine. Fennosan B100. Nefusan. Basamid



CAS Registry Number: 6995-80-8

Molecular Formula: C₃H₆N₂S₂

Molecular Weight: 134.226

Accurate Mass: 133.997238

Percentage Composition: C 26.85%; H 4.51%; N 20.87%; S 47.78%

>>Derivative: 3,5-*N*-Di-Me

Synonym(s): Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione. Dimethylformocarbthialdine. Fennosan B-100. **Dazomet**, BSI, ISO, JMAF, WSSA. DMTT. Thiazone. Salvo. Mylone. Basamid. Tiazon

CAS Registry Number: 533-74-4

Molecular Formula: C₅H₁₀N₂S₂

Molecular Weight: 162.279

Accurate Mass: 162.028538

Percentage Composition: C 37.01%; H 6.21%; N 17.26%; S 39.52%

Biological Use/Importance: Industrial microbicide and antifouling agent, soil fumigant

Physical Description: Cryst. (Me₂CO/hexane)

Melting Point: Mp 106°

Hazard & Toxicity: Skin and eye irritant. Skin sensitizer. LD₅₀ (rat, orl) 363 mg/kg

Rare Chemicals Library: S39638-9

>>Derivative: 3,5-*N*-Di-Ph

CAS Registry Number: 14318-36-6

Molecular Formula: C₁₅H₁₄N₂S₂

Molecular Weight: 286.421

Accurate Mass: 286.059838

Percentage Composition: C 62.90%; H 4.93%; N 9.78%; S 22.39%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 178°

Rare Chemicals Library: S54575-9

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

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