



Aldrich: B8950-7

>>Derivative: *N*-Decyl

Synonym(s): 2-(Decylamino)ethanethiol, 9CI

CAS Registry Number: 5891-06-5

Molecular Formula: C₁₂H₂₇NS

Molecular Weight: 217.418

Accurate Mass: 217.186419

Percentage Composition: C 66.29%; H 12.52%; N 6.44%; S 14.75%

Use/Importance: Fungicide

Physical Description: Liq.

Boiling Point: Bp_{0.6} 120°

>>Derivative: *S*-Me

Synonym(s): 2-(Methylthio)ethylamine, 8CI

CAS Registry Number: 18542-42-2

Molecular Formula: C₃H₉NS

Molecular Weight: 91.177

Accurate Mass: 91.045569

Percentage Composition: C 39.52%; H 9.95%; N 15.36%; S 35.17%

Physical Description: Oil

Boiling Point: Bp 146-148°

Density: d₄²⁰ 0.977

Refractive Index: n_D²⁰ 1.4925

>>Derivative: *S*-Me, hydrochloride

CAS Registry Number: 6950-53-4

Melting Point: Mp 120°

>>Derivative: *S*-Et

Synonym(s): 2-(Ethylthio)ethylamine. 2-(Ethylthio)ethanamine, 9CI

CAS Registry Number: 36489-03-9

Molecular Formula: C₄H₁₁NS

Molecular Weight: 105.204

Accurate Mass: 105.061219

Percentage Composition: C 45.67%; H 10.54%; N 13.31%; S 30.48%

Physical Description: Liq.

Boiling Point: Bp 163°. Bp₂₁ 51.5°

>>Derivative: *S*-Et; hydrochloride

CAS Registry Number: 54303-30-9

Physical Description: Solid

Melting Point: Mp 147°

Aldrich: 12042-1

References: