



>>Entry Name: Dimethyl-2-propenylamine

Synonym(s): *N,N*-Dimethyl-2-propen-1-amine, 9Cl. Dimethylallylamine, 8Cl. Allyldimethylamine

CAS Registry Number: 2155-94-4

$\text{H}_2\text{C}=\text{CHCH}_2\text{NMe}_2$

Molecular Formula: $\text{C}_5\text{H}_{11}\text{N}$

Molecular Weight: 85.149

Accurate Mass: 85.089149

Percentage Composition: C 70.53%; H 13.02%; N 16.45%

Physical Description: Liq.

Boiling Point: Bp 63-63.5°

Fluka: 5937

Sigma: D8651

>>Derivative: Hydrobromide

CAS Registry Number: 65512-47-2

Physical Description: Cryst. (EtOH/EtOAc)

Melting Point: Mp 77°

>>Derivative: Picrate

Physical Description: Cryst.

Melting Point: Mp 96°. Mp 117-117.5°

>>Derivative: Methochloride

Synonym(s): Homoneurine chloride

CAS Registry Number: 1516-27-4

Molecular Formula: $\text{C}_6\text{H}_{14}\text{ClN}$

Molecular Weight: 135.636

Accurate Mass: 135.081476

Percentage Composition: C 53.13%; H 10.40%; Cl 26.14%; N 10.33%

Physical Description: V. hygroscopic cryst.

>>Derivative: Methobromide

CAS Registry Number: 3004-51-1

Molecular Formula: $\text{C}_6\text{H}_{14}\text{BrN}$

Molecular Weight: 180.087

Accurate Mass: 179.05096

Percentage Composition: C 40.02%; H 7.84%; Br 44.37%; N 7.78%

Physical Description: Hygroscopic cryst.

Melting Point: Mp 170°

Fluka: 6072

>>Derivative: Methiodide

CAS Registry Number: 13448-30-1

Molecular Formula: $\text{C}_6\text{H}_{14}\text{IN}$

Molecular Weight: 227.088

Accurate Mass: 227.017097

Percentage Composition: C 31.73%; H 6.21%; I 55.88%; N 6.17%

Physical Description: Deliquescent solid

Melting Point: Mp 107-108°