



>>Entry Name: 2-Chloro-2-propen-1-ol, 9CI

Synonym(s): 2-Chloroallyl alcohol

CAS Registry Number: 5976-47-6

$\text{H}_2\text{C}=\text{CClCH}_2\text{OH}$

Molecular Formula: $\text{C}_3\text{H}_5\text{ClO}$

Molecular Weight: 92.525

Accurate Mass: 92.002892

Percentage Composition: C 38.94%; H 5.45%; Cl 38.32%; O 17.29%

Physical Description: Liq.

Boiling Point: Bp 136-140°

Solubility: Sol. EtOH; dec. H_2O

Density: d^{20}_4 1.162

Refractive Index: n^{20}_D 1.4588

Other Data: Q/e values for copolym., Q 0.091, e −0.95

Hazard & Toxicity: Severe skin irritant

Aldrich: 36390-1

Rare Chemicals Library: S42916-3

>>Derivative: Ac

CAS Registry Number: 692-72-8

Molecular Formula: $\text{C}_5\text{H}_7\text{ClO}_2$

Molecular Weight: 134.562

Accurate Mass: 134.013457

Percentage Composition: C 44.63%; H 5.24%; Cl 26.35%; O 23.78%

Physical Description: Liq.

Boiling Point: Bp 145°

Aldrich: 29077-7

>>Derivative: Et ether

Synonym(s): 2-Chloro-3-ethoxypropene

CAS Registry Number: 25290-63-5

Molecular Formula: $\text{C}_5\text{H}_9\text{ClO}$

Molecular Weight: 120.578

Accurate Mass: 120.034192

Percentage Composition: C 49.81%; H 7.52%; Cl 29.40%; O 13.27%

Physical Description: Liq.

Boiling Point: Bp 110°

References:

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