



>>Entry Name: 8,10-Dodecadien-1-ol

CAS Registry Number: 57002-06-9

$\text{H}_3\text{CCH}=\text{CHCH}=\text{CH}(\text{CH}_2)_6\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}$

Molecular Weight: 182.305

Accurate Mass: 182.167065

Percentage Composition: C 79.06%; H 12.16%; O 8.78%

Aldrich: 24917-3

Fluka: 43970

Sigma: D6144

>>Variant: (8*E*,10*E*)-form

Synonym(s): Codlemone

CAS Registry Number: 33956-49-9

Type of Compound Code(s): VA0420

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}$

Molecular Weight: 182.305

Accurate Mass: 182.167065

Percentage Composition: C 79.06%; H 12.16%; O 8.78%

Biological Source: Sex attractant of codling moth *Laspeyresia pomonella*

Physical Description: Cryst. (pentane)

Melting Point: Mp 29-30°

Boiling Point: Bp_{0.01} 80-85°

Sigma: D8784

>>Derivative: Ac

CAS Registry Number: 53880-51-6

Molecular Formula: $\text{C}_{14}\text{H}_{24}\text{O}_2$

Molecular Weight: 224.342

Accurate Mass: 224.17763

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

Boiling Point: Bp_{0.01} 90°

Aldrich: 24914-9

Sigma: D6406

>>Variant: (8*E*,10*Z*)-form

CAS Registry Number: 33956-50-2

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}$

Molecular Weight: 182.305

Accurate Mass: 182.167065

Percentage Composition: C 79.06%; H 12.16%; O 8.78%

Boiling Point: Bp_{0.01} 80-85°

>>Derivative: Ac

Boiling Point: Bp_{0.01} 85-90°

>>Variant: (8*Z*,10*Z*)-form

CAS Registry Number: 39616-21-2

Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}$

Molecular Weight: 182.305

Accurate Mass: 182.167065

Percentage Composition: C 79.06%; H 12.16%; O 8.78%

Boiling Point: Bp_{0.01} 85-90°

>>Derivative: Ac

CAS Registry Number: 67992-61-4

Boiling Point: Bp_{0.01} 85-90°

References: