>>**Entry Name: 9-Tetradecen-1-ol**

$H_3C(CH_2)_3CH=CH(CH_2)_7CH_2OH$

Molecular Formula: $C_{14}H_{28}O$
Molecular Weight: 212.375
Accurate Mass: 212.214015
Percentage Composition: C 79.18%; H 13.29%; O 7.53%

>>**Variant:** (*E*)-form

CAS Registry Number: 52957-16-1

Molecular Formula: $C_{14}H_{28}O$
Molecular Weight: 212.375
Accurate Mass: 212.214015
Percentage Composition: C 79.18%; H 13.29%; O 7.53%
Biological Use/Importance: The alcohol and its formate, acetate and propionate show pheromone activity

>>**Derivative:** Ac

Molecular Formula: $C_{16}H_{30}O_2$
Molecular Weight: 254.412
Accurate Mass: 254.22458
Percentage Composition: C 75.54%; H 11.89%; O 12.58%
Biological Source: Sex pheromone for *Ephestia cautella* and *Spodoptera sunia*

>>**Variant:** (*Z*)-form

CAS Registry Number: 35153-15-2

Molecular Formula: $C_{14}H_{28}O$
Molecular Weight: 212.375
Accurate Mass: 212.214015
Percentage Composition: C 79.18%; H 13.29%; O 7.53%
Biological Use/Importance: The alcohol and its formate, acetate and propionate show pheromone activity
Boiling Point: $Bp_{0.01}$ 101-105°
Aldrich: 24903-3
Sigma: T1894

>>**Derivative:** Formyl

CAS Registry Number: 56218-79-2

Molecular Formula: $C_{15}H_{28}O_2$
Molecular Weight: 240.385
Accurate Mass: 240.20893
Percentage Composition: C 74.95%; H 11.74%; O 13.31%
Boiling Point: $Bp_{0.01}$ 97-100°
Sigma: T2651

>>**Derivative:** Ac

CAS Registry Number: 16725-53-4

Molecular Formula: $C_{16}H_{30}O_2$
Molecular Weight: 254.412
Percentage Composition: C 75.54%; H 11.89%; O 12.58%
Biological Source: Sex pheromone of the sugarcane borers *Chilo* spp. Main component of the sex pheromones of *Adoxophyes orana*, other *Adoxophyes* sp. and *Spodoptera frugiperda*
Biological Use/Importance: Insect pheromone used for control of *Spodoptera* sp.
Boiling Point: $Bp_{0.01}$ 102-104°
Sigma: T4771