



>>Entry Name: 9-Tricosene

CAS Registry Number: 52078-48-5

$\text{H}_3\text{C}(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_{12}\text{CH}_3$

Molecular Formula: $\text{C}_{23}\text{H}_{46}$

Molecular Weight: 322.616

Accurate Mass: 322.35995

Percentage Composition: C 85.63%; H 14.37%

>>Variant: (*E*)-form

CAS Registry Number: 35857-62-6

Molecular Formula: $\text{C}_{23}\text{H}_{46}$

Molecular Weight: 322.616

Accurate Mass: 322.35995

Percentage Composition: C 85.63%; H 14.37%

Physical Description: Cryst. (Me_2CO)

Melting Point: Mp 26°

Boiling Point: Bp_{0.35} 164-165°

Refractive Index: n_D²⁵ 1.4529

>>Variant: (*Z*)-form

Synonym(s): Muscalure. Muscamone

CAS Registry Number: 27519-02-4

Molecular Formula: $\text{C}_{23}\text{H}_{46}$

Molecular Weight: 322.616

Accurate Mass: 322.35995

Percentage Composition: C 85.63%; H 14.37%

Biological Source: Sex attractant of the housefly

Use/Importance: Used in combination with insecticides as toxicant

Physical Description: Oil

Boiling Point: Bp_{0.15} 170-172°. Bp_{0.2} 160-161°

Refractive Index: n_D²⁵ 1.4524

Aldrich: 85988-5

Sigma: T3636

References:

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