



>>Entry Name: 5-Decene, 9CI

CAS Registry Number: 19689-19-1

Extra CAS Registry Numbers(s): 25339-53-1

H3C(CH2)3CH=CH(CH2)3CH3

Molecular Formula: C₁₀H₂₀

Molecular Weight: 140.268

Accurate Mass: 140.1565

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp₇₅₀ 170°

>>Variant: (*E*)-form

CAS Registry Number: 7433-56-9

Molecular Formula: C₁₀H₂₀

Molecular Weight: 140.268

Accurate Mass: 140.1565

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp 172-173.5°

Refractive Index: n_D²⁵ 1.4213

Aldrich: 11048-5

>>Variant: (*Z*)-form

CAS Registry Number: 7433-78-5

Molecular Formula: C₁₀H₂₀

Molecular Weight: 140.268

Accurate Mass: 140.1565

Percentage Composition: C 85.63%; H 14.37%

Boiling Point: Bp 169-170°. Bp₁₁ 59°

Refractive Index: n_D²⁵ 1.4230

References:

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