



>>Entry Name: 8-Pentadecanone, 9CI

Synonym(s): Diheptyl ketone

CAS Registry Number: 818-23-5

$\text{H}_3\text{C}(\text{CH}_2)_6\text{CO}(\text{CH}_2)_6\text{CH}_3$

Molecular Formula: $\text{C}_{15}\text{H}_{30}\text{O}$

Molecular Weight: 226.401

Accurate Mass: 226.229665

Percentage Composition: C 79.58%; H 13.36%; O 7.07%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 43-44°

Boiling Point: Bp 178°

Hazard & Toxicity: LD₅₀ (mus, ivn) 1194 mg/kg

Rare Chemicals Library: S82840-8

>>Derivative: Oxime

Molecular Formula: $\text{C}_{15}\text{H}_{31}\text{NO}$

Molecular Weight: 241.416

Accurate Mass: 241.240564

Percentage Composition: C 74.63%; H 12.94%; N 5.80%; O 6.63%

Melting Point: Mp 19.5-20°

>>Derivative: Semicarbazone

Melting Point: Mp 40-42°. Mp 46-46.7°

References:

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