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>>Entry Name: 2,2,4,6,6-Pentamethylheptane

CAS Registry Number: 13475-82-6

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

Molecular Formula:  $\text{C}_{12}\text{H}_{26}$

Molecular Weight: 170.337

Accurate Mass: 170.20345

Percentage Composition: C 84.62%; H 15.38%

Boiling Point: Bp 175-176°

Density:  $d_4^{20}$  0.75

Refractive Index:  $n_D^{20}$  1.4218

**References:**

Petrov, A.D. *et al.*, *J. Gen. Chem. USSR (Engl. Transl.)*, 1942, **12**, 99-103, (*synth*)