



>>Entry Name: 2,4-Dimethylheptane, 9CI

CAS Registry Number: 2213-23-2
H3CCH2CH2CH(CH3)CH2CH(CH3)2

Molecular Formula: C₉H₂₀
Molecular Weight: 128.257
Accurate Mass: 128.1565
Percentage Composition: C 84.28%; H 15.72%

>>Variant: (±)-form

Molecular Formula: C₉H₂₀
Molecular Weight: 128.257
Accurate Mass: 128.1565
Percentage Composition: C 84.28%; H 15.72%
Boiling Point: Bp 132-133°
Density: d₂₀²⁰ 0.713
Refractive Index: n_D²⁰ 1.4023

References:

Levina, R.Y. *et al.*, *CA*, 1951, **45**, 9455, (*synth*)
Nazarov, I.N. *et al.*, *CA*, 1955, **49**, 6848, (*synth*)
Dvoretzky, I. *et al.*, *Anal. Chem.*, 1963, **35**, 545, (*synth*)
Beierbeck, H. *et al.*, *Can. J. Chem.*, 1977, **55**, 771, (*conformn, cmr*)