



>>Entry Name: 2,4-Heptadien-1-ol

CAS Registry Number: 62488-55-5

Related CAS Registry Numbers(s): 54668-73-4

$\text{H}_3\text{CCH}_2\text{CH}=\text{CHCH}=\text{CHCH}_2\text{OH}$

Molecular Formula: $\text{C}_7\text{H}_{12}\text{O}$

Molecular Weight: 112.171

Accurate Mass: 112.088815

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

>>Variant: (2E,4E)-form

CAS Registry Number: 33467-79-7

Molecular Formula: $\text{C}_7\text{H}_{12}\text{O}$

Molecular Weight: 112.171

Accurate Mass: 112.088815

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

Boiling Point: Bp_{15} 93-95°

>>Variant: (2E,4Z)-form

CAS Registry Number: 70979-88-3

Molecular Formula: $\text{C}_7\text{H}_{12}\text{O}$

Molecular Weight: 112.171

Accurate Mass: 112.088815

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

Boiling Point: Bp_{14} 80°

Refractive Index: n_{D}^{25} 1.4898

References:

Jaenicke, L. *et al.*, *Chem. Ber.*, 1975, **108**, 225, (*synth*)

Bestmann, H.J. *et al.*, *Tet. Lett.*, 1979, **26**, 2467, (*synth, pmr*)

Kuroda, S. *et al.*, *Tet. Lett.*, 1987, **28**, 803, (*synth, pmr*)