



>>Entry Name: Octadecylbenzene

Synonym(s): 1-Phenyloctadecane

CAS Registry Number: 4445-07-2

$\text{Ph}(\text{CH}_2)_{17}\text{CH}_3$

Molecular Formula: $\text{C}_{24}\text{H}_{42}$

Molecular Weight: 330.596

Accurate Mass: 330.32865

Percentage Composition: C 87.20%; H 12.80%

Melting Point: Mp 32-33°. Mp 36°

Boiling Point: Bp_{0.25} 155-160°

Fluka: 74755

References:

Gilman, H. *et al.*, *J.O.C.*, 1943, **8**, 126, (*synth*)

Shirley, D.A. *et al.*, *J.A.C.S.*, 1953, **75**, 6333, (*synth*)

Adv. Chem. Ser., 1955, **15**, 113, (*props*)