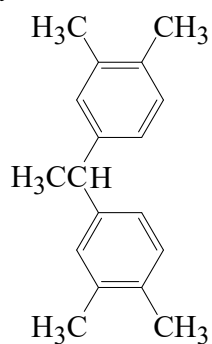




>>Entry Name: 1,1-Bis(3,4-dimethylphenyl)ethane

Synonym(s): 1,1'-Ethylidenebis[3,4-dimethylbenzene], 9CI. 1,1-Di-3,4-xylylethane, 8CI



CAS Registry Number: 1742-14-9

Molecular Formula: C₁₈H₂₂

Molecular Weight: 238.372

Accurate Mass: 238.17215

Percentage Composition: C 90.70%; H 9.30%

Boiling Point: Bp₅ 173-174°

Density: d 0.98

Refractive Index: n_D²⁰ 1.5648

Aldrich: 24309-4

References:

U.S. Pat., 1944, 2 439 228; *CA*, **42**, 5052, (*synth*)

Hoffenberg, D.S. *et al.*, *J. Chem. Eng. Data*, 1964, **9**, 104, (*synth*)

Farberov, M.I. *et al.*, *Zh. Org. Khim.*, 1968, **4**, 163; *J. Org. Chem. USSR (Engl. Transl.)*, 1968, **4**, 153, (*synth*)