



>>Entry Name: 2',4',6'-Trimethylacetophenone

Synonym(s): 1-(2,4,6-Trimethylphenyl)ethanone. Acetomesitylene

CAS Registry Number: 1667-01-2

Molecular Formula: C₁₁H₁₄O

Molecular Weight: 162.231

Accurate Mass: 162.104465

Percentage Composition: C 81.44%; H 8.70%; O 9.86%

Boiling Point: Bp₇₃₅ 240.5°. Bp₃ 90°

pKa Value: pK_a -7.6

Aldrich: T7240-0

Fluka: 92220

Supelco: R47-5810

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 821A, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 17D, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1238C, (ir)

Dorofeenko, G.N. *et al.*, *Zh. Obshch. Khim.*, 1962, **32**, 364; *CA*, **58**, 2397, (synth)

Corriu, R., *Bull. Soc. Chim. Fr.*, 1965, 821, (synth)