



>>Entry Name: 1-(3-Methylphenyl)-2-propanone, 9CI

Synonym(s): 1-(*m*-Tolyl)-2-propanone, 8CI. *m*-Tolylacetone. 3-Acetonyltoluene

CAS Registry Number: 18826-61-4

Molecular Formula: C₁₀H₁₂O

Molecular Weight: 148.204

Accurate Mass: 148.088815

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Physical Description: Liq.

Boiling Point: Bp 228-229°

Density: d⁰ 1.02

>>Derivative: Semicarbazone

Melting Point: Mp 139°

References:

Tiffeneau, M., *Ann. Chim. Phys.*, 1907, **10**, 195

Thigpen, A.B. *et al.*, *J.O.C.*, 1969, **34**, 505, (*synth, pmr, ir*)