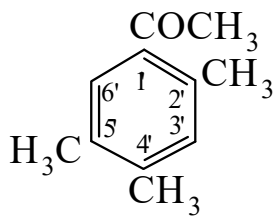




>>Entry Name: 2',4',5'-Trimethylacetophenone, 8Cl

Synonym(s): 1-(2,4,5-Trimethylphenyl)ethanone, 9Cl. 5-Acetyl-ψ-cumene



CAS Registry Number: 2040-07-5

Molecular Formula: C₁₁H₁₄O

Molecular Weight: 162.231

Accurate Mass: 162.104465

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

Melting Point: Fp 11°

Boiling Point: Bp 246-247°. Bp₇ 110°

Rare Chemicals Library: S41360-7

>>Derivative: Oxime

Molecular Formula: C₁₁H₁₅NO

Molecular Weight: 177.246

Accurate Mass: 177.115364

Percentage Composition: C 74.54%; H 8.53%; N 7.90%; O 9.03%

Physical Description: Cryst. (petrol)

Melting Point: Mp 85-86°

>>Derivative: Semicarbazone

Physical Description: Plates (EtOH)

Melting Point: Mp 204°

References:

Baker, J.W. *et al.*, *J.C.S.*, 1941, 796

Razumovskaya, M.T. *et al.*, *CA*, 1966, **65**, 15261, (*synth*)