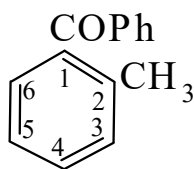




>>Entry Name: 2-Methylbenzophenone, 8Cl

Synonym(s): (2-Methylphenyl)phenylmethanone, 9Cl. Phenyl *o*-tolyl ketone. 2-Benzoyltoluene



CAS Registry Number: 131-58-8

Molecular Formula: C₁₄H₁₂O

Molecular Weight: 196.248

Accurate Mass: 196.088815

Percentage Composition: C 85.68%; H 6.16%; O 8.15%

Physical Description: Fixative in perfumery; has antiinflammatory props.

Melting Point: Mp -18°

Boiling Point: Bp₇₆₂ 309.5°. Bp₁₂ 168°. Bp_{0.3} 125-127°

Refractive Index: n_D²⁰ 1.5958

Aldrich: 15753-8

>>Derivative: (*E*)-Oxime

Molecular Formula: C₁₄H₁₃NO

Molecular Weight: 211.263

Accurate Mass: 211.099714

Percentage Composition: C 79.59%; H 6.20%; N 6.63%; O 7.57%

Melting Point: Mp 105°

>>Derivative: (*Z*)-Oxime

Melting Point: Mp 69°

>>Derivative: (*E*)-2,4-Dinitrophenylhydrazone

CAS Registry Number: 38736-39-9

Melting Point: Mp 184-190°

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