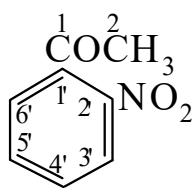




>>Entry Name: 2'-Nitroacetophenone, 8Cl
Synonym(s): 1-(2-Nitrophenyl)ethanone, 9Cl



CAS Registry Number: 577-59-3

Molecular Formula: C₈H₇NO₃

Molecular Weight: 165.148

Accurate Mass: 165.042594

Percentage Composition: C 58.18%; H 4.27%; N 8.48%; O 29.06%

Melting Point: Mp 27-28° (23°)

Boiling Point: Bp₃₂ 178-179°. Bp₃ 129°

Hazard & Toxicity: LD₅₀ (rat, orl) 1600 mg/kg

Aldrich: N920-9

Fluka: 72600

>>Derivative: Oxime

CAS Registry Number: 10342-62-8

Molecular Formula: C₈H₈N₂O₃

Molecular Weight: 180.163

Accurate Mass: 180.053493

Percentage Composition: C 53.33%; H 4.48%; N 15.55%; O 26.64%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 117°

>>Derivative: Semicarbazone

Melting Point: Mp 210° (rapid heat)

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