



>>Entry Name: 4'-Chloro-3'-nitroacetophenone, 8Cl

Synonym(s): 1-(4-Chloro-3-nitrophenyl)ethanone, 9Cl

CAS Registry Number: 5465-65-6

Molecular Formula: C₈H₆ClNO₃

Molecular Weight: 199.593

Accurate Mass: 199.003621

Percentage Composition: C 48.14%; H 3.03%; Cl 17.76%; N 7.02%; O 24.05%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 98-100°

Rare Chemicals Library: S55642-4

>>Derivative: Semicarbazone

Physical Description: Yellow needles (AcOH)

Melting Point: Mp 256-257°

References:

Umio, S. *et al.*, *Chem. Pharm. Bull.*, 1969, **17**, 596, (*synth*)

Levine, H.L. *et al.*, *J.A.C.S.*, 1978, **100**, 7670, (*synth, pmr*)