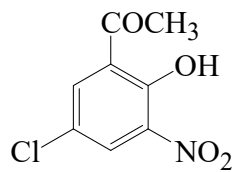




>>Entry Name: 5'-Chloro-2'-hydroxy-3'-nitroacetophenone, 8Cl

Synonym(s): 1-(5-Chloro-2-hydroxy-3-nitrophenyl)ethanone, 9Cl. 2-Acetyl-4-chloro-6-nitrophenol



CAS Registry Number: 84942-40-5

Molecular Formula: C₈H₆ClNO₄

Molecular Weight: 215.592

Accurate Mass: 214.998536

Percentage Composition: C 44.57%; H 2.81%; Cl 16.44%; N 6.50%; O 29.68%

Physical Description: Cryst. (EtOH/2-ethoxyethanol)

Melting Point: Mp 135-136°

Aldrich: 41577-4

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 228°

References:

Singh, H. *et al.*, *J. Indian Chem. Soc.*, 1963, **40**, 555, (*synth, deriv*)

Burdeska, K. *et al.*, *Synthesis*, 1982, 940, (*synth*)