



>>Entry Name: 7-Chloro-4-hydroxy-3-quinolinecarboxylic acid
Synonym(s): 7-Chloro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid

CAS Registry Number: 57278-46-3
Related CAS Registry Numbers(s): 86-47-5

Molecular Formula: $C_{10}H_6ClNO_3$
Molecular Weight: 223.615
Accurate Mass: 223.003621
Percentage Composition: C 53.71%; H 2.70%; Cl 15.85%; N 6.26%; O 21.46%

Physical Description: Needles (EtOH)
Melting Point: Mp 274 dec.°

>>Derivative: Et ester

CAS Registry Number: 16600-22-9
Molecular Formula: $C_{12}H_{10}ClNO_3$
Molecular Weight: 251.669
Accurate Mass: 251.034921
Percentage Composition: C 57.27%; H 4.00%; Cl 14.09%; N 5.57%; O 19.07%
Physical Description: Cryst. (Py)
Melting Point: Mp 297°

References:

Price, C.C. *et al.*, *J.A.C.S.*, 1946, **68**, 1204
Duffin, G.F. *et al.*, *J.C.S.*, 1948, 893
Roberts, R., *J.O.C.*, 1951, **14**, 285