



>>Entry Name: 8-Quinolinecarboxaldehyde, 9CI

Synonym(s): 8-Formylquinoline

CAS Registry Number: 38707-70-9

Molecular Formula: C₁₀H₇NO

Molecular Weight: 157.171

Accurate Mass: 157.052764

Percentage Composition: C 76.42%; H 4.49%; N 8.91%; O 10.18%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 94-95°

Solubility: Sol. hot H₂O, EtOH, Et₂O

Other Data: Steam-volatile

>>Derivative: Hydrochloride

Melting Point: Mp 213°

Solubility: Sol. H₂O, EtOH

References:

Howitz, J. *et al.*, *Annalen*, 1913, **396**, 39

Cook, A.H. *et al.*, *J.C.S.*, 1943, 413

Rodionov, V.M. *et al.*, *CA*, 1945, **39**, 4076