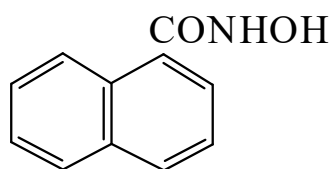




>>Entry Name: ***N*-Hydroxy-1-naphthalenecarboxamide**, 9CI

Synonym(s): *N*-1-Naphthoylhydroxylamine. α -Naphthydroxamic acid



CAS Registry Number: 6953-61-3

Molecular Formula: $C_{11}H_9NO_2$

Molecular Weight: 187.198

Accurate Mass: 187.063329

Percentage Composition: C 70.58%; H 4.85%; N 7.48%; O 17.09%

Physical Description: Plates (EtOH)

Melting Point: Mp 186-187 dec.°

Solubility: Sol. hot EtOH, spar. sol. Et_2O , C_6H_6

pKa Value: pK_a 7.75

References:

Ekstrand, G., *Ber.*, 1887, **20**, 1353

Schonbaum, G., *J. Biol. Chem.*, 1973, **248**, 502