>>**Entry Name: 5-Amino-1-naphthol,** 8CI
Synonym(s): 5-Amino-1-naphthalenol, 9CI. 5-Hydroxy-α-naphthylamine

CAS Registry Number: 83-55-6

Molecular Formula: $C_{10}H_9NO$
Molecular Weight: 159.187
Accurate Mass: 159.068414
Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%
Use/Importance: Electrooxidn. in MeCN soln. gives an electroactive polymeric film
Physical Description: Pink needles (H_2O)
Melting Point: Mp 192°

Aldrich: 37646-9

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 553C, *(nmr)*
Vorozhitov, N.N. *et al.*, *CA*, 1929, **23**, 3697
Constantine, P.R. *et al.*, *Spectrochim. Acta A*, 1968, **24**, 1405, *(ir)*
Ohsaka, T. *et al.*, *Synth. Met.*, 1991, **43**, 3089, *(polym)*