



>>Entry Name: 5-Amino-1-naphthol, 8Cl

Synonym(s): 5-Amino-1-naphthalenol, 9Cl. 5-Hydroxy- α -naphthylamine

CAS Registry Number: 83-55-6

Molecular Formula: C₁₀H₉NO

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 (H₂O)

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)