



>>Entry Name: 8-Isoquinolinol, 9Cl

Synonym(s): 8-Hydroxyisoquinoline

CAS Registry Number: 3482-14-2

Molecular Formula: C₉H₇NO

Molecular Weight: 145.16

Accurate Mass: 145.052764

Percentage Composition: C 74.47%; H 4.86%; N 9.65%; O 11.02%

Physical Description: Prisms (EtOH)

Melting Point: Mp 130°

pKa Value: pK_{a1} 5.64; pK_{a2} 8.42 (20°)

Other Data: Sublimes

>>Derivative: Hydrochloride

Physical Description: Yellow needles

Melting Point: Mp 207°

>>Derivative: Methiodide

Physical Description: Yellow needles

Melting Point: Mp 239°

>>Derivative: Me ether

Synonym(s): 8-Methoxyisoquinoline, 9Cl

CAS Registry Number: 1723-70-2

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%

Physical Description: Oil

Melting Point: Mp 225° (as picrate)

References:

Claus, A. *et al.*, *J. Prakt. Chem.*, 1892, **45**, 244; 1895, **52**, 10

Weissgerber, R., *Ber.*, 1914, **47**, 3175-3181, (*synth*)

Hendrikson, J.B. *et al.*, *J.O.C.*, 1983, **48**, 3344-3346, (*Me ether*)

Yoshida, Y. *et al.*, *Bioorg. Med. Chem.*, 1999, **7**, 2647-2666, (*synth, pmr*)