



>>Entry Name: 6-Isoquinolinol
Synonym(s): 6-Hydroxyisoquinoline

CAS Registry Number: 7651-82-3

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: Cryst. (2-propanol)
Melting Point: Mp 220°

>>Derivative: Me ether
Synonym(s): 6-Methoxyisoquinoline

CAS Registry Number: 52986-70-6
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%
Physical Description: Noncryst. or low-melting cryst.
Melting Point: Mp 36°

>>Derivative: Me ether, picrate

Melting Point: Mp 225°

>>Derivative: Me ether, N-oxide

Molecular Formula: C₁₀H₉NO₂
Molecular Weight: 175.187
Accurate Mass: 175.063329
Percentage Composition: C 68.56%; H 5.18%; N 8.00%; O 18.27%
Physical Description: Cryst. (as hydrochloride)
Melting Point: Mp 197° (hydrochloride)

References:

Robinson, R.A., *J.A.C.S.*, 1947, **69**, 1939; 1944, (*synth, deriv*)
Mason, S.F., *J.C.S.*, 1957, 4874; 5010, (*ir, uv, props, tautom*)
Hendrickson, J.B. *et al.*, *J.O.C.*, 1983, **48**, 3344, (*synth, deriv*)
Peet, N.P. *et al.*, *J. Het. Chem.*, 1987, **24**, 715, (*ms, deriv*)
Kucznierz, R. *et al.*, *Synth. Commun.*, 1999, **29**, 1617-1625, (*Me ether*)