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>>Entry Name: 8-Methylisoquinoline, 9CI

CAS Registry Number: 62882-00-2

Molecular Formula: C<sub>10</sub>H<sub>9</sub>N

Molecular Weight: 143.188

Accurate Mass: 143.073499

Percentage Composition: C 83.88%; H 6.34%; N 9.78%

Physical Description: Oil

Boiling Point: Bp 258°

>>Derivative: Picrate

Physical Description: Yellow needles (H<sub>2</sub>O)

Melting Point: Mp 204-205°

>>Derivative: N-Oxide

CAS Registry Number: 174873-80-4

Molecular Formula: C<sub>10</sub>H<sub>9</sub>NO

Molecular Weight: 159.187

Accurate Mass: 159.068414

Percentage Composition: C 75.45%; H 5.70%; N 8.80%; O 10.05%

Physical Description: Needles (MeOH)

Melting Point: Mp 136.5-138.5°

#### References:

Pomeranz, C., *Monatsh. Chem.*, 1897, **18**, 2

Su, J.A. *et al.*, *Org. Magn. Reson.*, 1977, **10**, 122, (*cmr*)

Hirao, K. *et al.*, *Heterocycles*, 1996, **42**, 415, (*synth, ir, pmr, ms*)

Tsue, H. *et al.*, *J.C.S. Perkin 1*, 1999, 3677-3683, (*synth, oxide, ir, pmr*)