>>**Entry Name: 6,7-Isoquinolinediol**
Synonym(s): 6,7-Dihydroxyisoquinoline

CAS Registry Number: 48125-47-9

Molecular Formula: $C_9H_7NO_2$
Molecular Weight: 161.16
Accurate Mass: 161.047679
Percentage Composition: C 67.08%; H 4.38%; N 8.69%; O 19.86%

>>**Derivative:** 7-Me ether
Synonym(s): 6-Hydroxy-7-methoxyisoquinoline. 7-Methoxy-6-isoquinolinol

Molecular Formula: $C_{10}H_9NO_2$
Molecular Weight: 175.187
Accurate Mass: 175.063329
Percentage Composition: C 68.56%; H 5.18%; N 8.00%; O 18.27%
Physical Description: Light brown solid
Melting Point: Mp 198-200°

>>**Derivative:** Di-Me ether
Synonym(s): 6,7-Dimethoxyisoquinoline. **Backebergine**

CAS Registry Number: 15248-39-2

Molecular Formula: $C_{11}H_{11}NO_2$
Molecular Weight: 189.213
Accurate Mass: 189.078979
Percentage Composition: C 69.83%; H 5.86%; N 7.40%; O 16.91%
Biological Source: Alkaloid from *Backebergia militaris* (Cactaceae)
Physical Description: Cryst. (Et_2O)
Melting Point: Mp 93-94°

>>**Derivative:** Di-Me ether; hydrochloride

Physical Description: Cryst. + $3H_2O$ (dil. HCl)
Melting Point: Mp 219° (208-210° dec.)

References:

Birch, A.J. *et al.*, *J.C.S. Perkin 1*, 1974, 2185, *(synth)*
Wehrli, P.A. *et al.*, *Synthesis*, 1974, 288, *(synth)*
Hughes, D.W. *et al.*, *Can. J. Chem.*, 1976, **54**, 2252, *(cmr)*
Boger, D.L. *et al.*, *Tetrahedron*, 1981, **37**, 3977, *(synth)*
Ferrigni, N.R. *et al.*, *J. Nat. Prod.*, 1984, **47**, 839, *(isol, ms, synth)*
Janssen, R.H.A.M. *et al.*, *Phytochemistry*, 1989, **28**, 2833, *(pmr, cmr)*
Kucznierz, R. *et al.*, *Synth. Commun.*, 1999, **29**, 1617-1625, *(7-Me ether)*