



>>Entry Name: 7-Isoquinolinol, 9Cl  
Synonym(s): 7-Hydroxyisoquinoline

CAS Registry Number: 7651-83-4

Molecular Formula: C<sub>9</sub>H<sub>7</sub>NO  
Molecular Weight: 145.16  
Accurate Mass: 145.052764  
Percentage Composition: C 74.47%; H 4.86%; N 9.65%; O 11.02%  
Physical Description: Pale yellow plates (EtOH)  
Melting Point: Mp 229.5-230.5° (226-227°)  
pKa Value: pK<sub>a1</sub> 5.68; pK<sub>a2</sub> 8.9 (20°)  
Other Data: Sublimes

>>Derivative: *N*-Oxide

CAS Registry Number: 146607-35-4  
Molecular Formula: C<sub>9</sub>H<sub>7</sub>NO<sub>2</sub>  
Molecular Weight: 161.16  
Accurate Mass: 161.047679  
Percentage Composition: C 67.08%; H 4.38%; N 8.69%; O 19.86%  
Physical Description: Needles (EtOH)  
Melting Point: Mp 288-290°

>>Derivative: Me ether  
Synonym(s): 7-Methoxyisoquinoline

CAS Registry Number: 39989-39-4  
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 (petrol)  
Melting Point: Mp 49°  
Boiling Point: Bp<sub>34</sub> 182-186°

>>Derivative: Me ether; hydrochloride

Physical Description: Cryst.  
Melting Point: Mp 221°

>>Derivative: Me ether, *N*-oxide

CAS Registry Number: 146607-34-3  
Molecular Formula: C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>  
Molecular Weight: 175.187  
Accurate Mass: 175.063329  
Percentage Composition: C 68.56%; H 5.18%; N 8.00%; O 18.27%  
Physical Description: Needles (C<sub>6</sub>H<sub>6</sub>)  
Melting Point: Mp 159-160°

>>Derivative: Et ether  
Synonym(s): 7-Ethoxyisoquinoline

CAS Registry Number: 138223-15-1  
Molecular Formula: C<sub>11</sub>H<sub>11</sub>NO  
Molecular Weight: 173.214  
Accurate Mass: 173.084064  
Percentage Composition: C 76.28%; H 6.40%; N 8.09%; O 9.24%  
Physical Description: Liq.  
Melting Point: Mp 7-9°  
Boiling Point: Bp<sub>27</sub> 182-183°

>>Derivative: Et ether; methiodide

Physical Description: Cryst.  
Melting Point: Mp 193-194°