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**>>Entry Name: 8-Amino-2-naphthol**

**Synonym(s):** 8-Amino-2-naphthalenol, 9Cl. 7-Hydroxy- $\alpha$ -naphthylamine

**CAS Registry Number:** 118-46-7

**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%

**Use/Importance:** Derivatisation reagent for acyl halides for hplc anal. (used as Na salt)

**Physical Description:** Needles (EtOH)

**Melting Point:** Mp 205-207°

**Solubility:** Sol. hot H<sub>2</sub>O, EtOH

**Other Data:** Sol. in acids and alkalis with blue fluor.

**>>Derivative: N-Ac**

**Molecular Formula:** C<sub>12</sub>H<sub>11</sub>NO<sub>2</sub>

**Molecular Weight:** 201.224

**Accurate Mass:** 201.078979

**Percentage Composition:** C 71.63%; H 5.51%; N 6.96%; O 15.90%

**Physical Description:** Needles (AcOH aq.)

**Melting Point:** Mp 164-165°

**>>Derivative: Me ether**

**Synonym(s):** 7-Methoxy-1-naphthylamine. 7-Amino-1-methoxynaphthalene

**CAS Registry Number:** 5302-79-4

**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:** Cryst. (hexane)

**Melting Point:** Mp 78°

**Boiling Point:** Bp<sub>5</sub> 151-153°