



>>Derivative: Semicarbazone

**CAS Registry Number:** 18300-68-0

**Physical Description:** Yellowish cryst. (EtOH)

**Melting Point:** Mp 250°

>>Derivative: *N*-Ac

**CAS Registry Number:** 2719-21-3

**Molecular Formula:** C<sub>10</sub>H<sub>11</sub>NO<sub>2</sub>

**Molecular Weight:** 177.202

**Accurate Mass:** 177.078979

**Percentage Composition:** C 67.78%; H 6.26%; N 7.90%; O 18.06%

**Physical Description:** Needles (H<sub>2</sub>O or EtOH)

**Melting Point:** Mp 166-169°

**Rare Chemicals Library:** S74254-6

**Other:** PB A00490

>>Derivative: *N*-Benzoyl

**Molecular Formula:** C<sub>15</sub>H<sub>13</sub>NO<sub>2</sub>

**Molecular Weight:** 239.273

**Accurate Mass:** 239.094629

**Percentage Composition:** C 75.30%; H 5.48%; N 5.85%; O 13.37%

**Physical Description:** Plates (EtOH or CHCl<sub>3</sub>)

**Melting Point:** Mp 205°

>>Derivative: *N*-Me

**Synonym(s):** 1-[4-(Methylamino)phenyl]ethanone

**CAS Registry Number:** 17687-47-7

**Molecular Formula:** C<sub>9</sub>H<sub>11</sub>NO

**Molecular Weight:** 149.192

**Accurate Mass:** 149.084064

**Percentage Composition:** C 72.46%; H 7.43%; N 9.39%; O 10.72%

**Use/Importance:** Herbicide

**Physical Description:** Plates (H<sub>2</sub>O)

**Melting Point:** Mp 58-59°