



**Melting Point:** Mp 191-194°

>>**Derivative:** Anilide

**Synonym(s):** 4-Acetylbenzanilide

**CAS Registry Number:** 72269-20-6

**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:** Cryst. (toluene)

**Melting Point:** Mp 197-198°

>>**Derivative:** Azide

**Synonym(s):** 4-Acetylbenzoyl azide, 9Cl

**CAS Registry Number:** 114691-91-7

**Molecular Formula:** C<sub>9</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub>

**Molecular Weight:** 189.173

**Accurate Mass:** 189.053827

**Percentage Composition:** C 57.14%; H 3.73%; N 22.21%; O 16.92%

**Melting Point:** Mp 64-65°

**Rare Chemicals Library:** S32310-1

>>**Derivative:** Nitrile

**Synonym(s):** 4'-Cyanoacetophenone

**CAS Registry Number:** 1443-80-7

**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%

**Melting Point:** Mp 57-58°

**Aldrich:** 15439-3

**Fluka:** 934

#### References:

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