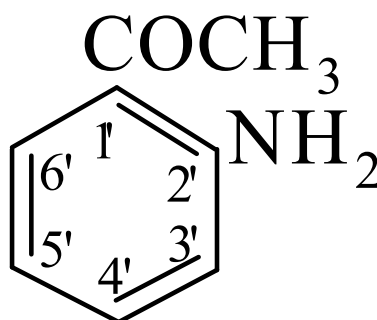




>>Entry Name: 2'-Aminoacetophenone, 8CI

ENTRY UNDER REVIEW

Synonym(s): 1-(2-Aminophenyl)ethanone, 9CI. FEMA 3906



CAS Registry Number: 551-93-9

**Molecular Formula:** C<sub>8</sub>H<sub>9</sub>NO

**Molecular Weight:** 135.165

**Accurate Mass:** 135.068414

**Percentage Composition:** C 71.09%; H 6.71%; N 10.36%; O 11.84%

**Biological Source:** Flavour compd. in stale dried milk. Main component of the mandibular defence secretion of the ant *Mycocepurus goeldii*. Odorous substance from *Pseudomonas aeruginosa*. Social control pheromone produced by virgin queen honeybees. Prod. by *Pseudomonas aeruginosa*

**Use/Importance:** Odorous component producing the characteristic smell of infection by *P. aeruginosa* in burn wounds

**Physical Description:** Cryst. with grape-like odour

**Melting Point:** Mp 20°

**Boiling Point:** Bp 250-252° slight dec.. Bp<sub>12</sub> 130° (Pressure Bp12-14 )

**Other Data:** Steam-volatile

**Aldrich:** W50799-7

**Sigma:** A5158

>>Derivative: Hydrochloride

**CAS Registry Number:** 25384-14-9

**Physical Description:** Prisms

**Melting Point:** Mp 168 dec.°

**Aldrich:** 18622-8

**Rare Chemicals Library:** S44661-0