



**CAS Registry Number:** 619-45-4  
**Molecular Formula:**  $C_8H_9NO_2$   
**Molecular Weight:** 151.165  
**Accurate Mass:** 151.063329  
**Percentage Composition:** C 63.57%; H 6.00%; N 9.27%; O 21.17%  
**Physical Description:** Leaflets (EtOH aq.)  
**Melting Point:** Mp 112°

**Aldrich:** 27418-6  
**Fluka:** 6990

>> **Derivative:** Et ester

**Synonym(s):** Ethyl 4-aminobenzoate. **Benzocaine**, BAN, INN, USAN. Ethyl aminobenzoate, JAN. Americaine. Anesthezin. Many other names

**CAS Registry Number:** 94-09-7

**Molecular Formula:**  $C_9H_{11}NO_2$   
**Molecular Weight:** 165.191  
**Accurate Mass:** 165.078979  
**Percentage Composition:** C 65.44%; H 6.71%; N 8.48%; O 19.37%  
**Use/Importance:** Local anaesthetic. Used as 1% aq. soln.; gives specific colour reaction for Ce(IV)  
**Physical Description:** Needles (EtOH)  
**Melting Point:** Mp 92°  
**Boiling Point:** Bp<sub>14</sub> 183-184°  
**Solubility:** Sol. EtOH, Et<sub>2</sub>O, CHCl<sub>3</sub>; sl. sol. H<sub>2</sub>O  
**Calculated Log P Data:** Log P 1.92 (calc)  
**Other Data:** Component of Auralgan  
**Hazard & Toxicity:** Skin irritant, mild sensitiser

**Aldrich:** 11290-9  
**Fluka:** 6950  
**Rare Chemicals Library:** S3788-6  
**Sigma:** E1501

>> **Derivative:** Et ester; hydrochloride

**CAS Registry Number:** 23239-88-5  
**Melting Point:** Mp 208 dec.°  
**Aldrich:** 29366-0