



Physical Description: Cryst. (PhNO₂)

Melting Point: Mp 280 dec.°

>>**Derivative:** Semicarbazone

Physical Description: Needles (EtOH)

Melting Point: Mp 223-225°

>>**Derivative:** Ac

CAS Registry Number: 878-00-2

Molecular Formula: C₉H₈O₃

Molecular Weight: 164.16

Accurate Mass: 164.047345

Percentage Composition: C 65.85%; H 4.91%; O 29.24%

Physical Description: Liq.

Boiling Point: Bp 265°

Aldrich: 24260-8

>>**Derivative:** *O*-(3-Phenylpropanoyl)

Synonym(s): 4-(3-Phenylpropanoyloxy)benzaldehyde

Molecular Formula: C₁₆H₁₄O₃

Molecular Weight: 254.285

Accurate Mass: 254.094295

Percentage Composition: C 75.58%; H 5.55%; O 18.88%

Biological Source: Isol. from the sponge *Sigmadocia pumila*

Melting Point: Mp 98°

>>**Derivative:** Me ether

>>**Derivative:** Et ether

Synonym(s): 4-Ethoxybenzaldehyde. FEMA 2413

CAS Registry Number: 10031-82-0

Molecular Formula: C₉H₁₀O₂

Molecular Weight: 150.177

Accurate Mass: 150.06808

Percentage Composition: C 71.98%; H 6.71%; O 21.31%

Physical Description: Liq. with a sweet floral odour and taste

Melting Point: Mp 13-14°

Boiling Point: Bp 249°. Bp₂₀ 140°

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 2100 mg/kg

Aldrich: 17360-6

Fluka: 2567

>>**Derivative:** 1,1,2,2-Tetrafluoroethyl ether

CAS Registry Number: 35295-36-4

Molecular Formula: C₉H₆F₄O₂

Molecular Weight: 222.139

Accurate Mass: 222.030392

Percentage Composition: C 48.66%; H 2.72%; F 34.21%; O 14.40%

Boiling Point: Bp₈ 97-99°