



Melting Point: Mp 75° (69°)

>> **Derivative:** Et ester, phenylhydrazone

Physical Description: Yellow prisms

Melting Point: Mp 135-136°

>> **Derivative:** Amide

CAS Registry Number: 76143-20-9

Molecular Formula: C₈H₇NO₃

Molecular Weight: 165.148

Accurate Mass: 165.042594

Percentage Composition: C 58.18%; H 4.27%; N 8.48%; O 29.06%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 204-206°

>> **Derivative:** Methanamide

CAS Registry Number: 98478-13-8

Molecular Formula: C₉H₉NO₃

Molecular Weight: 179.175

Accurate Mass: 179.058244

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Physical Description: Cryst. (cyclohexane)

Melting Point: Mp 148-150°

>> **Derivative:** Ac, Me ester

Molecular Formula: C₁₁H₁₀O₅

Molecular Weight: 222.197

Accurate Mass: 222.052825

Percentage Composition: C 59.46%; H 4.54%; O 36.00%

Physical Description: Needles (EtOH)

Melting Point: Mp 81-82°

>> **Derivative:** Me ether

Synonym(s): 5-Formyl-2-methoxybenzoic acid

CAS Registry Number: 84923-70-6

Molecular Formula: C₉H₈O₄

Molecular Weight: 180.16

Accurate Mass: 180.04226

Percentage Composition: C 60.00%; H 4.48%; O 35.52%

Physical Description: Long needles (H₂O)

Melting Point: Mp 170°

>> **Derivative:** Me ether, Me ester

CAS Registry Number: 78515-16-9

Molecular Formula: C₁₀H₁₀O₄

Molecular Weight: 194.187

Accurate Mass: 194.05791

Percentage Composition: C 61.85%; H 5.19%; O 32.96%

Physical Description: Silky needles (H₂O or MeOH aq.)

Melting Point: Mp 86-87°

>> **Derivative:** Me ether, Me ester, oxime

Molecular Formula: C₁₀H₁₁NO₄

Molecular Weight: 209.201

Accurate Mass: 209.068809

Percentage Composition: C 57.41%; H 5.30%; N 6.70%; O 30.59%

Physical Description: Clusters of needles (EtOH aq.)

Melting Point: Mp 145-147°