



Percentage Composition: C 75.86%; H 4.05%; F 10.91%; O 9.19%

Physical Description: Cryst. (pentane)

Melting Point: Mp 55-56°

>>**Derivative:** Chloride

CAS Registry Number: 2243-83-6

Molecular Formula: C₁₁H₇ClO

Molecular Weight: 190.628

Accurate Mass: 190.018542

Percentage Composition: C 69.31%; H 3.70%; Cl 18.60%; O 8.39%

Melting Point: Mp 43°

Boiling Point: Bp 304-306°

Aldrich: 25026-0

Fluka: 70680

Sigma: N4529

>>**Derivative:** Amide

CAS Registry Number: 2243-82-5

Molecular Formula: C₁₁H₉NO

Molecular Weight: 171.198

Accurate Mass: 171.068414

Percentage Composition: C 77.17%; H 5.30%; N 8.18%; O 9.35%

Melting Point: Mp 195°. Mp 192°

>>**Derivative:** Hydrazide

Synonym(s): 2-Naphthoylhydrazine. 2-Naphthalenecarboxylic acid hydrazide, 9CI

CAS Registry Number: 39627-84-4

Molecular Formula: C₁₁H₁₀N₂O

Molecular Weight: 186.213

Accurate Mass: 186.079313

Percentage Composition: C 70.95%; H 5.41%; N 15.04%; O 8.59%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 147.5°

Solubility: Sol. hot H₂O, EtOH, C₆H₆, CHCl₃, AcOH, HCl

>>**Derivative:** Nitrile

Synonym(s): 2-Cyanonaphthalene

CAS Registry Number: 613-46-7

Molecular Formula: C₁₁H₇N

Molecular Weight: 153.183

Accurate Mass: 153.057849

Percentage Composition: C 86.25%; H 4.61%; N 9.14%

Physical Description: Leaflets (petrol)

Melting Point: Mp 66° (60-61°)

Boiling Point: Bp 306.5°

Rare Chemicals Library: S41559-6

>>**Derivative:** Anhydride

CAS Registry Number: 20176-11-8

Molecular Formula: C₂₂H₁₄O₃

Molecular Weight: 326.351

Accurate Mass: 326.094295

Percentage Composition: C 80.97%; H 4.32%; O 14.71%

Melting Point: Mp 133-134°

References: