



>>Entry Name: 2,7-Naphthalenediol, 9CI

Synonym(s): 2,7-Dihydroxynaphthalene

CAS Registry Number: 582-17-2

Molecular Formula: C₁₀H₈O₂

Molecular Weight: 160.172

Accurate Mass: 160.05243

Percentage Composition: C 74.99%; H 5.03%; O 19.98%

Use/Importance: Reagent for colorimetric detn. of glycolic acid

Physical Description: Needles (H₂O)

Melting Point: Mp 190°

Solubility: Sol. hot H₂O

Hazard & Toxicity: LD₅₀ (mus, ipr) 102 mg/kg

Aldrich: D11640-8

Fluka: 37781

Sigma: D8628

>>Derivative: Di-Ac

CAS Registry Number: 22472-26-0

Molecular Formula: C₁₄H₁₂O₄

Molecular Weight: 244.246

Accurate Mass: 244.07356

Percentage Composition: C 68.85%; H 4.95%; O 26.20%

Melting Point: Mp 136°

>>Derivative: Bis-4-methylbenzenesulfonyl

CAS Registry Number: 95957-65-6

Melting Point: Mp 152-153°

>>Derivative: Mono-Me ether

Synonym(s): 7-Methoxy-2-naphthol

CAS Registry Number: 5060-82-2

Molecular Formula: C₁₁H₁₀O₂

Molecular Weight: 174.199

Accurate Mass: 174.06808

Percentage Composition: C 75.84%; H 5.79%; O 18.37%

Physical Description: Needles (EtOH or petrol)

Melting Point: Mp 122-124°. Mp 103-105°

Boiling Point: Bp_{0.01} 145-148°

Aldrich: 36750-8

Fluka: 65124

>>Derivative: Me ether, Ac

Molecular Formula: C₁₃H₁₂O₃

Molecular Weight: 216.236

Accurate Mass: 216.078645

Percentage Composition: C 72.21%; H 5.59%; O 22.20%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 124.5-125.5°

>>Derivative: Di-Me ether

Synonym(s): 2,7-Dimethoxynaphthalene