



>>Entry Name: **2,6-Naphthalenediol**, 9CI, 8CI

Synonym(s): 2,6-Dihydroxynaphthalene

CAS Registry Number: 581-43-1

Molecular Formula: C₁₀H₈O₂

Molecular Weight: 160.172

Accurate Mass: 160.05243

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

Use/Importance: Co-monomer for liq. cryst. polyesters

Physical Description: Plates (EtOH), cryst. + 2H₂O

Melting Point: Mp 218° (anhyd.). Mp 211-217° (dihydrate)

Solubility: Sol. hot H₂O

Other Data: Sublimes

Aldrich: 27560-3

Fluka: 37765

>>Derivative: Di-Ac

CAS Registry Number: 22426-47-7

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 175°

>>Derivative: Mono-Me ether

Synonym(s): 6-Methoxy-2-naphthol

CAS Registry Number: 5111-66-0

Molecular Formula: C₁₁H₁₀O₂

Molecular Weight: 174.199

Accurate Mass: 174.06808

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

Melting Point: Mp 149°

Boiling Point: Bp_{0.15} 148-150°

Fluka: 65125

Rare Chemicals Library: S31223-1

>>Derivative: Di-Me ether

Synonym(s): 2,6-Dimethoxynaphthalene

CAS Registry Number: 5486-55-5

Molecular Formula: C₁₂H₁₂O₂

Molecular Weight: 188.226

Accurate Mass: 188.08373

Percentage Composition: C 76.57%; H 6.43%; O 17.00%

Physical Description: Leaflets (C₆H₆), plates (EtOH) with fragrant odour

Melting Point: Mp 150°

Aldrich: D13485-6

>>Derivative: Di-Et ether

Synonym(s): 2,6-Diethoxynaphthalene

Molecular Formula: C₁₄H₁₆O₂

Molecular Weight: 216.279

Accurate Mass: 216.11503

Percentage Composition: C 77.75%; H 7.46%; O 14.80%

Melting Point: Mp 163-164°

References: