



>>Entry Name: 4'-Hydroxy-4-biphenylcarboxylic acid, 8Cl

Synonym(s): 4-(4-Hydroxyphenyl)benzoic acid

CAS Registry Number: 58574-03-1

Molecular Formula: C₁₃H₁₀O₃

Molecular Weight: 214.22

Accurate Mass: 214.062995

Percentage Composition: C 72.89%; H 4.70%; O 22.41%

Melting Point: Mp 294.5°

Aldrich: 37133-5

>>Derivative: Me ester

CAS Registry Number: 40501-41-5

Molecular Formula: C₁₄H₁₂O₃

Molecular Weight: 228.247

Accurate Mass: 228.078645

Percentage Composition: C 73.67%; H 5.30%; O 21.03%

Physical Description: Plates (EtOH)

Melting Point: Mp 224-225°

>>Derivative: Nitrile

Synonym(s): 4-Hydroxy-4'-cyanobiphenyl

CAS Registry Number: 19812-93-2

Molecular Formula: C₁₃H₉NO

Molecular Weight: 195.22

Accurate Mass: 195.068414

Percentage Composition: C 79.98%; H 4.65%; N 7.17%; O 8.20%

Use/Importance: Ethers and esters used in liquid crystals

Physical Description: Pale yellow prisms (CH₂Cl₂/hexane)

Melting Point: Mp 202.5-203° (198.5-199°)

Aldrich: 37478-4

>>Derivative: Me ether

Synonym(s): 4'-Methoxy-4-biphenylcarboxylic acid

CAS Registry Number: 725-14-4

Molecular Formula: C₁₄H₁₂O₃

Molecular Weight: 228.247

Accurate Mass: 228.078645

Percentage Composition: C 73.67%; H 5.30%; O 21.03%

Physical Description: Cryst. (MeOH aq. or AcOH)

Melting Point: Mp 258°

Rare Chemicals Library: S1072-4

>>Derivative: Me ether, Me ester

CAS Registry Number: 729-17-9

Molecular Formula: C₁₅H₁₄O₃

Molecular Weight: 242.274

Accurate Mass: 242.094295

Percentage Composition: C 74.36%; H 5.82%; O 19.81%

Physical Description: Plates (MeOH)

Melting Point: Mp 172-173°