



>>Entry Name: 2,2'-[1,4-Phenylenebis(oxy)]bisacetic acid, 9CI

Synonym(s): (*p*-Phenylenedioxy)diacetic acid, 8CI

CAS Registry Number: 2245-53-6

Molecular Formula: C₁₀H₁₀O₆

Molecular Weight: 226.185

Accurate Mass: 226.04774

Percentage Composition: C 53.10%; H 4.46%; O 42.44%

Physical Description: Prisms (AcOH)

Melting Point: Mp 251-252°

Rare Chemicals Library: S35062-1

>>Derivative: Di-Me ester

CAS Registry Number: 80791-19-1

Molecular Formula: C₁₂H₁₄O₆

Molecular Weight: 254.239

Accurate Mass: 254.07904

Percentage Composition: C 56.69%; H 5.55%; O 37.76%

Physical Description: Solid (MeOH)

Melting Point: Mp 98-99°

>>Derivative: Di-Et ester

CAS Registry Number: 5897-78-9

Molecular Formula: C₁₄H₁₈O₆

Molecular Weight: 282.293

Accurate Mass: 282.11034

Percentage Composition: C 59.57%; H 6.43%; O 34.01%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 72°

>>Derivative: Dichloride

CAS Registry Number: 1889-01-6

Molecular Formula: C₁₀H₈Cl₂O₄

Molecular Weight: 263.076

Accurate Mass: 261.979964

Percentage Composition: C 45.66%; H 3.06%; Cl 26.95%; O 24.33%

Physical Description: Needles (CHCl₃)

Melting Point: Mp 84-85°

>>Derivative: Diamide

CAS Registry Number: 5897-77-8

Molecular Formula: C₁₀H₁₂N₂O₄

Molecular Weight: 224.216

Accurate Mass: 224.079708

Percentage Composition: C 53.57%; H 5.39%; N 12.49%; O 28.54%

Melting Point: Mp 237°

>>Derivative: Dinitrile

Synonym(s): 1,4-Bis(cyanomethoxy)benzene

CAS Registry Number: 5923-29-5

Molecular Formula: C₁₀H₈N₂O₂

Molecular Weight: 188.185

Accurate Mass: 188.058578

Percentage Composition: C 63.83%; H 4.28%; N 14.89%; O 17.00%

Physical Description: Plates (EtOH)

Melting Point: Mp 104-105° (88°)

References: