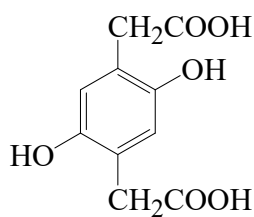




>>Entry Name: 2,5-Dihydroxy-1,4-benzenediacetic acid, 8Cl



CAS Registry Number: 5488-16-4

Related CAS Registry Numbers(s): 177281-34-4

Molecular Formula: C₁₀H₁₀O₆

Molecular Weight: 226.185

Accurate Mass: 226.04774

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

Physical Description: Cryst. (H₂O)

Melting Point: Mp 233°

Aldrich: D10920-7

>>Derivative: Di-S-benzylthiuronium salt

Physical Description: Cryst.

Melting Point: Mp 199-200°

>>Derivative: Di-Me ester

CAS Registry Number: 13949-86-5

Molecular Formula: C₁₂H₁₄O₆

Molecular Weight: 254.239

Accurate Mass: 254.07904

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

Physical Description: Cryst. (MeOH)

Melting Point: Mp 218° (dec.)

>>Derivative: Di-Et ester

CAS Registry Number: 41145-18-0

Molecular Formula: C₁₄H₁₈O₆

Molecular Weight: 282.293

Accurate Mass: 282.11034

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

Physical Description: Plates (EtOH aq.)

Melting Point: Mp 151-151.5°

>>Derivative: Di-Ac

CAS Registry Number: 30272-73-2

Molecular Formula: C₁₄H₁₄O₈

Molecular Weight: 310.26

Accurate Mass: 310.06887

Percentage Composition: C 54.20%; H 4.55%; O 41.25%

Physical Description: Plates (EtOH)

Melting Point: Mp 238-239°

>>Derivative: Di-Me ether

Synonym(s): 2,5-Methoxy-1,4-benzenediacetic acid

CAS Registry Number: 38439-92-8

Molecular Formula: C₁₂H₁₄O₆

Molecular Weight: 254.239

Accurate Mass: 254.07904

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

Physical Description: Cryst. (H₂O)

Melting Point: Mp 232-235°. Mp 246° (242-243°)