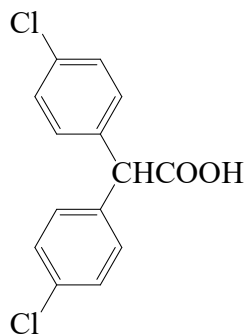




>>Entry Name: Bis(4-chlorophenyl)acetic acid

Synonym(s): 4-Chloro- $\alpha$ -(4-chlorophenyl)benzeneacetic acid, 9Cl



CAS Registry Number: 83-05-6

Molecular Formula:  $C_{14}H_{10}Cl_2O_2$

Molecular Weight: 281.137

Accurate Mass: 280.005784

Percentage Composition: C 59.81%; H 3.59%; Cl 25.22%; O 11.38%

Physical Description: Cryst. ( $C_6H_6$ )

Melting Point: Mp 167-169°

Aldrich: 10087-0

Rare Chemicals Library: S27144-6

>>Derivative: Me ester

CAS Registry Number: 5359-38-6

Molecular Formula:  $C_{15}H_{12}Cl_2O_2$

Molecular Weight: 295.164

Accurate Mass: 294.021434

Percentage Composition: C 61.04%; H 4.10%; Cl 24.02%; O 10.84%

Physical Description: Cryst.

Melting Point: Mp 37-39°

>>Derivative: Et ester

CAS Registry Number: 30738-51-3

Molecular Formula:  $C_{16}H_{14}Cl_2O_2$

Molecular Weight: 309.191

Accurate Mass: 308.037084

Percentage Composition: C 62.15%; H 4.56%; Cl 22.93%; O 10.35%

Physical Description: Prisms (EtOH)

Melting Point: Mp 89-90° (85-86°)

>>Derivative: Chloride

Molecular Formula:  $C_{14}H_9Cl_3O$

Molecular Weight: 299.583

Accurate Mass: 297.971896

Percentage Composition: C 56.13%; H 3.03%; Cl 35.50%; O 5.34%

Physical Description: Cryst.

Melting Point: Mp 57-59°

>>Derivative: Amide

CAS Registry Number: 52234-91-0

Molecular Formula:  $C_{14}H_{11}Cl_2NO$

Molecular Weight: 280.152

Accurate Mass: 279.021768

Percentage Composition: C 60.02%; H 3.96%; Cl 25.31%; N 5.00%; O 5.71%

Physical Description: Cryst. ( $C_6H_6$ )

Melting Point: Mp 157-157.5°