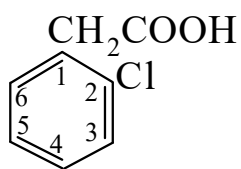




>>Entry Name: 2-Chlorophenylacetic acid, 8Cl

Synonym(s): 2-Chlorobenzeneacetic acid, 9Cl. *o*-Chloro- α -toluic acid



CAS Registry Number: 2444-36-2

Molecular Formula: C₈H₇ClO₂

Molecular Weight: 170.595

Accurate Mass: 170.013457

Percentage Composition: C 56.33%; H 4.14%; Cl 20.78%; O 18.76%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 96°

Aldrich: 19063-2

Fluka: 25929

>>Derivative: Me ester

CAS Registry Number: 57486-68-7

Molecular Formula: C₉H₉ClO₂

Molecular Weight: 184.622

Accurate Mass: 184.029107

Percentage Composition: C 58.55%; H 4.91%; Cl 19.20%; O 17.33%

Boiling Point: Bp₂₃ 125-128°

>>Derivative: Et ester

CAS Registry Number: 40061-54-9

Molecular Formula: C₁₀H₁₁ClO₂

Molecular Weight: 198.648

Accurate Mass: 198.044757

Percentage Composition: C 60.46%; H 5.58%; Cl 17.85%; O 16.11%

Boiling Point: Bp₁₃ 125-128°

Refractive Index: n_D²⁵ 1.5123

>>Derivative: Chloride

CAS Registry Number: 51512-09-5

Molecular Formula: C₈H₆Cl₂O

Molecular Weight: 189.04

Accurate Mass: 187.979569

Percentage Composition: C 50.83%; H 3.20%; Cl 37.51%; O 8.46%

Physical Description: Oil

Boiling Point: Bp₁₂ 119-121°

>>Derivative: Amide

Molecular Formula: C₈H₈ClNO

Molecular Weight: 169.61

Accurate Mass: 169.029441

Percentage Composition: C 56.65%; H 4.75%; Cl 20.90%; N 8.26%; O 9.43%

Physical Description: Cryst.

Melting Point: Mp 172-175°

>>Derivative: Nitrile

Synonym(s): 2-Chlorobenzeneacetonitrile, 9Cl. *o*-Chlorobenzyl cyanide

CAS Registry Number: 2856-63-5

Molecular Formula: C₈H₆ClN

Molecular Weight: 151.595

Accurate Mass: 151.018876

Percentage Composition: C 63.38%; H 3.99%; Cl 23.39%; N 9.24%

Boiling Point: Bp₂₁ 133-143°

Aldrich: 18849-2