



>>Entry Name: (2,4-Dihydroxyphenyl)acetic acid, 8Cl

Synonym(s): 2,4-Dihydroxybenzeneacetic acid

CAS Registry Number: 614-82-4

Type of Compound Code(s): VG0050

Structure by analogy with (2,3-Dihydroxyphenyl)acetic acid, [DZM69-G](#)

Molecular Formula: C₈H₈O₄

Molecular Weight: 168.149

Accurate Mass: 168.04226

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Biological Source: Constit. of the venom of the spider *Nephila maculata*

Physical Description: Cryst. (C₆H₆/Et₂O)

Melting Point: Mp 116-118°

>>Derivative: Me ester

CAS Registry Number: 67828-42-6

Type of Compound Code(s): VG0050

Molecular Formula: C₉H₁₀O₄

Molecular Weight: 182.176

Accurate Mass: 182.05791

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Biological Source: Constit. of *Madhuca pasquierei*

Physical Description: Amorph.

UV: [neutral] λ_{max} 213 (log ε 3.99); 280 (log ε 3.6) (MeOH)

>>Derivative: Nitrile

Synonym(s): (2,4-Dihydroxyphenyl)acetonitrile. 4-(Cyanomethyl)-1,3-benzenediol

CAS Registry Number: 57576-34-8

Type of Compound Code(s): VG0050

Molecular Formula: C₈H₇NO₂

Molecular Weight: 149.149

Accurate Mass: 149.047679

Percentage Composition: C 64.42%; H 4.73%; N 9.39%; O 21.45%

Biological Source: Constit. of *Erica scoparia*

Physical Description: Cryst.

Melting Point: Mp 130-131°

>>Derivative: Nitrile, 2-O-β-D-glucopyranoside

Synonym(s): Ehretioside B

CAS Registry Number: 156368-84-2

Type of Compound Code(s): VE9700

Molecular Formula: C₁₄H₁₇NO₇

Molecular Weight: 311.291

Accurate Mass: 311.100504

Percentage Composition: C 54.02%; H 5.50%; N 4.50%; O 35.98%

Biological Source: Constit. of *Ehretia philippinensis*

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁷ -72 (c, 0.47 in MeOH)

>>Derivative: Di-Me ether

Synonym(s): (2,4-Dimethoxyphenyl)acetic acid

CAS Registry Number: 6496-89-5

Molecular Formula: C₁₀H₁₂O₄

Molecular Weight: 196.202

Accurate Mass: 196.07356

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Physical Description: Needles (Et₂O)

Melting Point: Mp 113°

Rare Chemicals Library: S11872-9