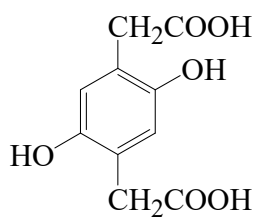




>>Entry Name: 2,5-Dihydroxy-1,4-benzenediacetic acid, 8Cl



**CAS Registry Number:** 5488-16-4

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

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>O<sub>6</sub>

**Molecular Weight:** 226.185

**Accurate Mass:** 226.04774

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

**Physical Description:** Cryst. (H<sub>2</sub>O)

**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:** C<sub>12</sub>H<sub>14</sub>O<sub>6</sub>

**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:** C<sub>14</sub>H<sub>18</sub>O<sub>6</sub>

**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:** C<sub>14</sub>H<sub>14</sub>O<sub>8</sub>

**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:** C<sub>12</sub>H<sub>14</sub>O<sub>6</sub>

**Molecular Weight:** 254.239

**Accurate Mass:** 254.07904

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

**Physical Description:** Cryst. (H<sub>2</sub>O)

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