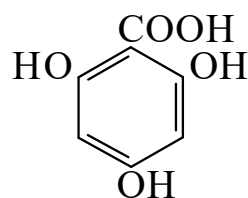




>>Entry Name: 2,4,6-Trihydroxybenzoic acid, 9Cl, 8Cl

Synonym(s): Phloroglucinolcarboxylic acid. Phloroglucinic acid



CAS Registry Number: 83-30-7

Related CAS Registry Numbers(s): 52578-53-7

Extra CAS Registry Numbers(s): 71989-93-0

Molecular Formula: C<sub>7</sub>H<sub>6</sub>O<sub>5</sub>

Molecular Weight: 170.121

Accurate Mass: 170.021525

Percentage Composition: C 49.42%; H 3.55%; O 47.02%

Biological Source: Isol. from onion skin (*Allium* sp.)

Physical Description: Cryst. + 1H<sub>2</sub>O

Melting Point: Mp 207-210 dec.°

Fluka: 91942

>>Derivative: 4-*O*-(2,3,6-Tri-*O*-acetyl-β-D-glucopyranoside)

Molecular Formula: C<sub>19</sub>H<sub>22</sub>O<sub>13</sub>

Molecular Weight: 458.375

Accurate Mass: 458.106045

Percentage Composition: C 49.79%; H 4.84%; O 45.38%

Biological Source: Constit. of *Phegopteris connectilis*

Optical Rotation: [α]<sub>D</sub><sup>20</sup> -30.2 (c, 0.84 in MeOH)

UV: [neutral] λ<sub>max</sub> 252 () (MeOH)

>>Derivative: 4-*O*-(3,4,6-Tri-*O*-acetyl-β-D-glucopyranoside)

Synonym(s): Constit. of *Phegopteris connectilis*

Molecular Formula: C<sub>19</sub>H<sub>22</sub>O<sub>13</sub>

Molecular Weight: 458.375

Accurate Mass: 458.106045

Percentage Composition: C 49.79%; H 4.84%; O 45.38%

Optical Rotation: [α]<sub>D</sub><sup>20</sup> -33.8 (c, 0.42 in MeOH)

UV: [neutral] λ<sub>max</sub> 252 () (MeOH)

>>Derivative: 4-*O*-(Tetra-*O*-acetyl-β-D-glucopyranoside)

Molecular Formula: C<sub>21</sub>H<sub>24</sub>O<sub>14</sub>

Molecular Weight: 500.412

Accurate Mass: 500.11661

Percentage Composition: C 50.40%; H 4.83%; O 44.76%

Biological Source: Constit. of *Phegopteris connectilis*

Physical Description: Amorph. brown powder

Optical Rotation: [α]<sub>D</sub><sup>20</sup> -33.8 (c, 0.63 in MeOH)

UV: [neutral] λ<sub>max</sub> 252 () (MeOH)