



**Molecular Formula:** C<sub>22</sub>H<sub>23</sub>O<sub>11</sub><sup>(+)</sup>  
**Molecular Weight:** 463.417  
**Accurate Mass:** 463.12404  
**Percentage Composition:** C 57.02%; H 5.00%; O 37.98%  
**Biological Source:** Obt. by partial acid hydrol. of Peonin

>>Derivative: 3,5-Di-*O*-β-D-glucopyranoside  
Synonym(s): Peonin. Paeonin

CAS Registry Number: 132-37-6

**Molecular Formula:** C<sub>28</sub>H<sub>33</sub>O<sub>16</sub><sup>(+)</sup>  
**Molecular Weight:** 625.559  
**Accurate Mass:** 625.176865  
**Percentage Composition:** C 53.76%; H 5.32%; O 40.92%  
**Biological Source:** Isol. from numerous plants, especially flowers of *Paeonia* spp.  
**Physical Description:** Reddish-violet cryst. + 1H<sub>2</sub>O (HCl aq.) (as chloride)  
**Melting Point:** Mp 165-167 dec.° (chloride)

>>Derivative: 3-*O*-[β-L-Arabinopyranosyl-(1→4)-β-D-glucopyranoside]

CAS Registry Number: 73818-28-7

**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>O<sub>15</sub><sup>(+)</sup>  
**Molecular Weight:** 595.533  
**Accurate Mass:** 595.1663  
**Percentage Composition:** C 54.45%; H 5.25%; O 40.30%  
**Biological Source:** Isol. from *Ipomoea fistulosa*

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-galactopyranoside]  
Synonym(s): Peonidin 3-lathyroside

CAS Registry Number: 155380-00-0

**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>O<sub>15</sub><sup>(+)</sup>  
**Molecular Weight:** 595.533  
**Accurate Mass:** 595.1663  
**Percentage Composition:** C 54.45%; H 5.25%; O 40.30%  
**Biological Source:** Constit. of *Aralia cordata*

>>Derivative: 3-*O*-[Xylosyl-(1→?)-galactoside]

**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>O<sub>15</sub><sup>(+)</sup>  
**Molecular Weight:** 595.533  
**Accurate Mass:** 595.1663  
**Percentage Composition:** C 54.45%; H 5.25%; O 40.30%  
**Biological Source:** Isol. from cultivars of *Lathyrus odoratus*

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucopyranoside]  
Synonym(s): Peonidin 3-sambubioside

CAS Registry Number: 99274-67-6

**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>O<sub>15</sub><sup>(+)</sup>  
**Molecular Weight:** 595.533  
**Accurate Mass:** 595.1663  
**Percentage Composition:** C 54.45%; H 5.25%; O 40.30%  
**Biological Source:** Isol. from *Tibouchina grandiflora* and from the fruit of *Vaccinium padifolium*

>>Derivative: 3-*O*-[Xylosyl-(1→?)-glucoside]

**Molecular Formula:** C<sub>27</sub>H<sub>31</sub>O<sub>15</sub><sup>(+)</sup>  
**Molecular Weight:** 595.533  
**Accurate Mass:** 595.1663  
**Percentage Composition:** C 54.45%; H 5.25%; O 40.30%  
**Biological Source:** Present in flowers of *Lathyrus odoratus*