



**CAS Registry Number:** 33530-70-0

**Molecular Formula:** C<sub>21</sub>H<sub>20</sub>O<sub>14</sub>S

**Molecular Weight:** 528.447

**Accurate Mass:** 528.05738

**Percentage Composition:** C 47.73%; H 3.81%; O 42.39%; S 6.07%

**Biological Source:** Isol. from *Mascarena verschafttii*

**Physical Description:** Obt. as K salt

>>**Derivative:** 3'-O-β-D-Glucopyranoside, 7-O-β-D-glucuronopyranoside

**Synonym(s):** Luteolin 3'-glucoside 7-glucuronide

**CAS Registry Number:** 69631-14-7

**Molecular Formula:** C<sub>27</sub>H<sub>28</sub>O<sub>17</sub>

**Molecular Weight:** 624.508

**Accurate Mass:** 624.132655

**Percentage Composition:** C 51.93%; H 4.52%; O 43.55%

**Biological Source:** Isol. from *Riccia fluitans*

>>**Derivative:** 3'-O-[4-Hydroxy-3-methoxycinnamoyl-(→?)-β-D-glucopyranoside], 7-O-glucuronoside

**CAS Registry Number:** 69645-80-3

**Molecular Formula:** C<sub>37</sub>H<sub>36</sub>O<sub>20</sub>

**Molecular Weight:** 800.679

**Accurate Mass:** 800.18

**Percentage Composition:** C 55.50%; H 4.53%; O 39.96%

**Biological Source:** Isol. from *Riccia fluitans*

>>**Derivative:** 4'-O-β-D-Glucopyranoside

**Synonym(s):** Luteolin 4'-glucoside. **Juncein**‡

**CAS Registry Number:** 6920-38-3

**Molecular Formula:** C<sub>21</sub>H<sub>20</sub>O<sub>11</sub>

**Molecular Weight:** 448.382

**Accurate Mass:** 448.100565

**Percentage Composition:** C 56.25%; H 4.50%; O 39.25%

**Biological Source:** Isol. from *Spartium junceum* and many other plant spp.

**Melting Point:** Mp 178-179°

>>**Derivative:** 4'-O-β-D-Glucopyranoside, 7-O-β-D-galactopyranoside

**Molecular Formula:** C<sub>27</sub>H<sub>30</sub>O<sub>16</sub>

**Molecular Weight:** 610.524

**Accurate Mass:** 610.15339

**Percentage Composition:** C 53.12%; H 4.95%; O 41.93%

**Biological Source:** Isol. from *Vernonia* spp.

>>**Derivative:** 4'-O-β-D-Glucopyranoside, 7-O-β-D-galacturonopyranoside

**Synonym(s):** Luteolin 4'-glucoside 7-galacturonide

**CAS Registry Number:** 126207-52-1

**Molecular Formula:** C<sub>27</sub>H<sub>28</sub>O<sub>17</sub>

**Molecular Weight:** 624.508

**Accurate Mass:** 624.132655

**Percentage Composition:** C 51.93%; H 4.52%; O 43.55%

**Biological Source:** Isol. from *Cuminum cyminum*