



**CAS Registry Number:** 231280-71-0

**Molecular Formula:** C<sub>30</sub>H<sub>32</sub>O<sub>14</sub>

**Molecular Weight:** 616.574

**Accurate Mass:** 616.17921

**Percentage Composition:** C 58.44%; H 5.23%; O 36.33%

**Biological Source:** Constit. of *Paeonia suffruticosa*

**Physical Description:** Powder

**Melting Point:** Mp 159-161°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -10.5 (c, 0.23 in MeOH)

**UV:** [neutral]  $\lambda_{\max}$  258 (log  $\epsilon$  4.5) (MeOH)

>>Derivative: 4"-Hydroxy, 6'-(4-methoxybenzoyl)

**Synonym(s):** Mudanpioside B

**CAS Registry Number:** 172705-23-6

**Molecular Formula:** C<sub>31</sub>H<sub>34</sub>O<sub>14</sub>

**Molecular Weight:** 630.601

**Accurate Mass:** 630.19486

**Percentage Composition:** C 59.05%; H 5.43%; O 35.52%

**Biological Source:** Constit. of *Paeonia suffruticosa*

**Physical Description:** Cryst.

**Melting Point:** Mp 140-144°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -12.1 (c, 0.06 in MeOH)

>>Derivative: 4"-Hydroxy, 6'-(3,4,5-trihydroxybenzoyl)

**Synonym(s):** Galloyloxypaeoniflorin

**CAS Registry Number:** 145898-93-7

**Molecular Formula:** C<sub>30</sub>H<sub>32</sub>O<sub>16</sub>

**Molecular Weight:** 648.573

**Accurate Mass:** 648.16904

**Percentage Composition:** C 55.56%; H 4.97%; O 39.47%

**Biological Source:** Constit. of *Paeonia suffruticosa*

**Physical Description:** Powder

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -27.3 (EtOH)

>>Derivative: 4"-Methoxy

**Synonym(s):** Mudanpioside D

**CAS Registry Number:** 172705-24-7

**Molecular Formula:** C<sub>24</sub>H<sub>30</sub>O<sub>12</sub>

**Molecular Weight:** 510.494

**Accurate Mass:** 510.17373

**Percentage Composition:** C 56.47%; H 5.92%; O 37.61%

**Biological Source:** Constit. of *Paeonia suffruticosa*

**Physical Description:** Cryst.

**Melting Point:** Mp 122-127°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -15.2 (c, 0.1 in MeOH)

**Other Data:** Conts. 4-methoxybenzoyl residue

>>Derivative: 3"-Methoxy, 4"-hydroxy

**Synonym(s):** Mudanpioside E

**CAS Registry Number:** 172705-25-8

**Molecular Formula:** C<sub>24</sub>H<sub>30</sub>O<sub>13</sub>

**Molecular Weight:** 526.493

**Accurate Mass:** 526.168645

**Percentage Composition:** C 54.75%; H 5.74%; O 39.51%

**Biological Source:** Constit. of *Paeonia suffruticosa*

**Physical Description:** Cryst.

**Melting Point:** Mp 134-140°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -19.8 (c, 0.1 in MeOH)