



**Synonym(s):** Staphisadrinine

**CAS Registry Number:** 132210-59-4

**Molecular Formula:** C<sub>23</sub>H<sub>35</sub>NO<sub>6</sub>

**Molecular Weight:** 421.533

**Accurate Mass:** 421.246439

**Percentage Composition:** C 65.54%; H 8.37%; N 3.32%; O 22.77%

**Physical Description:** Amorph.

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>19</sup> -19.1 (c, 0.15 in CHCl<sub>3</sub>)

>>Derivative: O<sup>1</sup>-Me

>>Derivative: 10-Hydroxy

**Synonym(s):** 10-Hydroxyneoline

**CAS Registry Number:** 132362-42-6

**Molecular Formula:** C<sub>24</sub>H<sub>39</sub>NO<sub>7</sub>

**Molecular Weight:** 453.575

**Accurate Mass:** 453.272654

**Percentage Composition:** C 63.55%; H 8.67%; N 3.09%; O 24.69%

**Biological Source:** Alkaloid from the roots of *Aconitum fukutomei* (Ranunculaceae)

**Physical Description:** Cryst. (C<sub>6</sub>H<sub>6</sub>)

**Melting Point:** Mp 75-79°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>26</sup> +35.8 (c, 0.41 in CHCl<sub>3</sub>)

>>Derivative: 10-Hydroxy, O<sup>14</sup>-Ac

**Synonym(s):** 14-Acetyl-10-hydroxyneoline

**CAS Registry Number:** 132309-20-7

**Molecular Formula:** C<sub>26</sub>H<sub>41</sub>NO<sub>8</sub>

**Molecular Weight:** 495.612

**Accurate Mass:** 495.283219

**Percentage Composition:** C 63.01%; H 8.34%; N 2.83%; O 25.83%

**Biological Source:** Alkaloid from the roots of *Aconitum fukutomei* (Ranunculaceae)

**Physical Description:** Amorph.

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>23</sup> +37.1 (c, 0.52 in CHCl<sub>3</sub>)

>>Derivative: 1-Epimer, O<sup>14</sup>-Ac

**Synonym(s):** 14-Acetylepineoline

**CAS Registry Number:** 123795-80-2

**Molecular Formula:** C<sub>26</sub>H<sub>41</sub>NO<sub>7</sub>

**Molecular Weight:** 479.612

**Accurate Mass:** 479.288304

**Percentage Composition:** C 65.11%; H 8.62%; N 2.92%; O 23.35%

**Physical Description:** Amorph.

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>25</sup> +4.8 (c, 0.2 in EtOH aq.)

>>Derivative: O<sup>18</sup>-De-Me, 6-epimer

**Synonym(s):** 6-Epineolinine. 6-*epi*-Neolinine

**CAS Registry Number:** 125263-89-0

**Molecular Formula:** C<sub>23</sub>H<sub>37</sub>NO<sub>6</sub>

**Molecular Weight:** 423.548

**Accurate Mass:** 423.262089

**Percentage Composition:** C 65.22%; H 8.80%; N 3.31%; O 22.66%

**Biological Source:** Minor alkaloid from *Delphinium nuttallianum* (Ranunculaceae)

**Physical Description:** Gum