



Synonym(s): Staphisadrinine

CAS Registry Number: 132210-59-4

Molecular Formula: C₂₃H₃₅NO₆

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: [α]_D¹⁹ -19.1 (c, 0.15 in CHCl₃)

>>Derivative: O¹-Me

>>Derivative: 10-Hydroxy

Synonym(s): 10-Hydroxyneoline

CAS Registry Number: 132362-42-6

Molecular Formula: C₂₄H₃₉NO₇

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. (C₆H₆)

Melting Point: Mp 75-79°

Optical Rotation: [α]_D²⁶ +35.8 (c, 0.41 in CHCl₃)

>>Derivative: 10-Hydroxy, O¹⁴-Ac

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

CAS Registry Number: 132309-20-7

Molecular Formula: C₂₆H₄₁NO₈

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: [α]_D²³ +37.1 (c, 0.52 in CHCl₃)

>>Derivative: 1-Epimer, O¹⁴-Ac

Synonym(s): 14-Acetylepineoline

CAS Registry Number: 123795-80-2

Molecular Formula: C₂₆H₄₁NO₇

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: [α]_D²⁵ +4.8 (c, 0.2 in EtOH aq.)

>>Derivative: O¹⁸-De-Me, 6-epimer

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

CAS Registry Number: 125263-89-0

Molecular Formula: C₂₃H₃₇NO₆

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