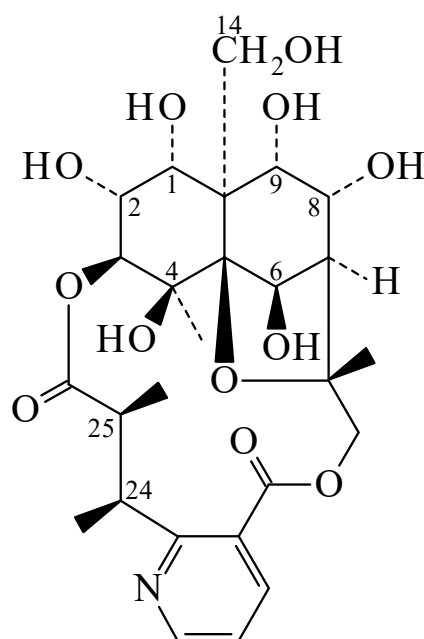




>>Entry Name: Perdeacyleuojaпонin



Molecular Formula: C₂₆H₃₅NO₁₂

Molecular Weight: 553.562

Accurate Mass: 553.215929

Percentage Composition: C 56.41%; H 6.37%; N 2.53%; O 34.68%

>>Derivative: 1,2,8,9,14-Penta-Ac

Synonym(s): Neoeuonymine

CAS Registry Number: 33510-25-7

Molecular Formula: C₃₆H₄₅NO₁₇

Molecular Weight: 763.748

Accurate Mass: 763.268754

Percentage Composition: C 56.62%; H 5.94%; N 1.83%; O 35.61%

Biological Source: Alkaloid from *Euonymus sieboldianus* (Celastraceae)

Physical Description: Cryst. (MeOH)

Melting Point: Mp 259-262°

Optical Rotation: [α]_D²⁰ -11 (c, 0.49 in CHCl₃)

>>Derivative: 1,2,6,8,9,14-Hexa-Ac

Synonym(s): Euonymine‡

CAS Registry Number: 33458-82-1

Molecular Formula: C₃₈H₄₇NO₁₈

Molecular Weight: 805.785

Accurate Mass: 805.279319

Percentage Composition: C 56.64%; H 5.88%; N 1.74%; O 35.74%

Biological Source: Alkaloid from *Euonymus alatus* and fruits of *Euonymus sieboldianus* (Celastraceae)

Biological Use/Importance: Shows antitumour promoting activity

Physical Description: Amorph.

>>Derivative: 9-(2-Hydroxy-2-methylpropanoyl), 1,6,8-tri-Ac

Synonym(s): Cathedulin K15

CAS Registry Number: 68419-30-7

Molecular Formula: C₃₆H₄₇NO₁₇

Molecular Weight: 765.764

Accurate Mass: 765.284404

Percentage Composition: C 56.47%; H 6.19%; N 1.83%; O 35.52%

Biological Source: Alkaloid from *Catha edulis* (Celastraceae)

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 191-194°