



CAS Registry Number: 128255-08-3

Molecular Formula: C₂₄H₄₁NO

Molecular Weight: 359.594

Accurate Mass: 359.318814

Percentage Composition: C 80.16%; H 11.49%; N 3.90%; O 4.45%

Biological Source: Alkaloid from *Pachysandra axillaris* (Buxaceae)

Physical Description: Needles

Melting Point: Mp 155°

Optical Rotation: [α]_D³⁰ -32 (CHCl₃)

>> **Derivative:** *N*-Di-Me, *O*- β -D-glucopyranoside

CAS Registry Number: 128255-19-6

Molecular Formula: C₂₉H₄₉NO₆

Molecular Weight: 507.709

Accurate Mass: 507.355989

Percentage Composition: C 68.61%; H 9.73%; N 2.76%; O 18.91%

Biological Source: Alkaloid from *Pachysandra axillaris*

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

Synonym(s): Conopharyngine‡

CAS Registry Number: 7067-29-0

Molecular Formula: C₂₇H₄₅NO₆

Molecular Weight: 479.656

Accurate Mass: 479.324689

Percentage Composition: C 67.61%; H 9.46%; N 2.92%; O 20.01%

Biological Source: Alkaloid from *Conopharyngia pachysiphon* (Apocynaceae)

Physical Description: Hypotensive agent

Melting Point: Mp 285-288°

>> **Derivative:** *O*- β -D-Glucopyranoside; hydrochloride

Melting Point: Mp 259-260°

Optical Rotation: [α]_D²⁵ -66.6 (90% Py aq.)

>> **Variant:** (3 α ,20*S*)-form

Molecular Formula: C₂₁H₃₅NO

Molecular Weight: 317.514

Accurate Mass: 317.271864

Percentage Composition: C 79.44%; H 11.11%; N 4.41%; O 5.04%

>> **Derivative:** *N*-Di-Me, Me ether

Synonym(s): 20*S*-Dimethylamino-3 α -methoxypregn-5-ene. Alkaloid C

CAS Registry Number: 32164-75-3

Molecular Formula: C₂₄H₄₁NO

Molecular Weight: 359.594

Accurate Mass: 359.318814

Percentage Composition: C 80.16%; H 11.49%; N 3.90%; O 4.45%

Biological Source: Isol. from *Sarcococca pruniformis*

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 152-153°

Optical Rotation: [α]_D³⁰ -32 (CHCl₃)

References: