>>**Derivative:** *N*-De-Et, *N*-Me
Synonym(s): Beiwutine

CAS Registry Number: 76918-93-9

Molecular Formula: $C_{33}H_{45}NO_{12}$
Molecular Weight: 647.718
Accurate Mass: 647.294179
Percentage Composition: C 61.19%; H 7.00%; N 2.16%; O 29.64%
Biological Source: Alkaloid from *Aconitum kusnezoffii* (Ranunculaceae)
Melting Point: Mp 196-198°

>>**Derivative:** *N*-De-Et, *N*-Me, O^3-Ac
Synonym(s): 3-*O*-Acetylbeiwutine

CAS Registry Number: 147677-09-6

Molecular Formula: $C_{35}H_{47}NO_{13}$
Molecular Weight: 689.755
Accurate Mass: 689.304744
Percentage Composition: C 60.95%; H 6.87%; N 2.03%; O 30.15%
Biological Source: Alkaloid from roots of *Aconitum liaotungeuse* (Ranunculaceae)
Physical Description: Cryst.
Melting Point: Mp 187°
Optical Rotation: $[\alpha]_D$ +25.8 (c, 0.95 in EtOH)

>>**Derivative:** 8-*O*-De-Ac, 8-Et ether, *N*-de-Et, *N*-Me
Synonym(s): Beiwucine

Molecular Formula: $C_{33}H_{47}NO_{11}$
Molecular Weight: 633.734
Accurate Mass: 633.314914
Percentage Composition: C 62.54%; H 7.47%; N 2.21%; O 27.77%
Biological Source: Alkaloid from *Aconitum kusnezoffii*
Physical Description: Cryst. (Me_2CO)
Melting Point: Mp 164-167°

References: