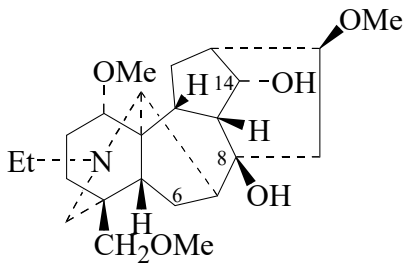
>>**Entry Name: Talatizamine**
Synonym(s): Talatisamine



CAS Registry Number: 20501-56-8

Molecular Formula: $C_{24}H_{39}NO_5$
Molecular Weight: 421.576
Accurate Mass: 421.282824
Percentage Composition: C 68.38%; H 9.32%; N 3.32%; O 18.98%
Biological Source: Alkaloid from *Aconitum talassicum, Aconitum nemorum, Aconitum carmichaeli, Aconitum variegatum, Aconitum franchetii, Aconitum forrestii, Aconitum columbianum, Aconitum saposhnikovii, Aconitum pseudogeniculatum*, *Aconitum dolichorhynchum* var. *subglabratum* and others (Ranunculaceae)
Melting Point: Mp 145-146° (142-143°)
Optical Rotation: $[\alpha]_D$ 0 (c, 1.0 in EtOH)

>>**Derivative:** O^{14}-Ac
Synonym(s): 14-Acetyltalatizamine

CAS Registry Number: 71239-55-9

Molecular Formula: $C_{26}H_{41}NO_6$
Molecular Weight: 463.613
Accurate Mass: 463.293389
Percentage Composition: C 67.36%; H 8.91%; N 3.02%; O 20.71%
Biological Source: Alkaloid from *Aconitum japonicum*, the aerial parts of *Aconitum columbianum* and the roots of *Aconitum carmichaeli* (Ranunculaceae)
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{20}$+19.7 (c, 0.36 in $CHCl_3$)

>>**Derivative:** 8-Benzoyl, 14-Ac
Synonym(s): Transconitine A. 14-Acetyl-8-benzoyltalatizamine

CAS Registry Number: 175923-71-4

Molecular Formula: $C_{33}H_{45}NO_7$
Molecular Weight: 567.721
Accurate Mass: 567.319604
Percentage Composition: C 69.82%; H 7.99%; N 2.47%; O 19.73%
Biological Source: Alkaloid from roots of *Aconitum transsectum* (Ranunculaceae)
Physical Description: Amorph.
Optical Rotation: $[\alpha]_D^{20}$+16.9 (c, 0.002 in $CHCl_3$)

>>**Derivative:** O^{14}-Benzoyl
Synonym(s): 14-Benzoyltalatizamine

CAS Registry Number: 11037-59-5

Molecular Formula: $C_{31}H_{43}NO_6$
Molecular Weight: 525.684
Accurate Mass: 525.309039
Percentage Composition: C 70.83%; H 8.24%; N 2.66%; O 18.26%
Biological Source: Alkaloid from roots of *Aconitum kongboense* (Ranunculaceae) and *Aconitum nemorum*
Physical Description: Cryst. (hexane/Me_2CO)
Melting Point: Mp 104-105°
Other Data: Erroneously claimed to be novel by Sultankhodzhaev