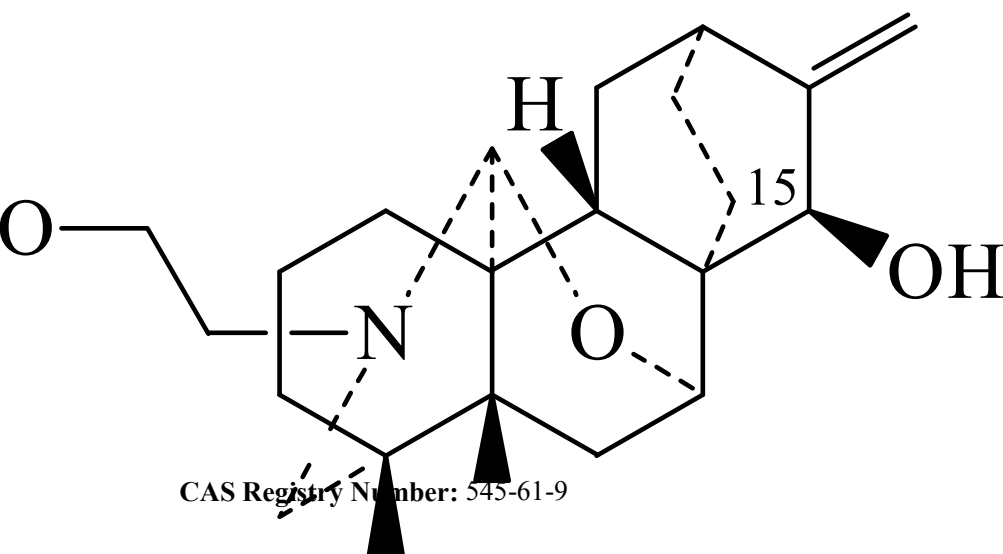




>>Entry Name: Ajaconine, 9Cl



Absolute
configuration

Molecular Formula: C₂₂H₃₃NO₃

Molecular Weight: 359.508

Accurate Mass: 359.246044

Percentage Composition: C 73.50%; H 9.25%; N 3.90%; O 13.35%

Biological Source: Alkaloid from *Delphinium virescens* and *Delphinium carolinianum* (whole plants), the roots of

(Ranunculaceae). Also isol. from *Consolida oliveriana*

Melting Point: Mp 167°

Optical Rotation: [α]_D -122 (c, 1.75 in EtOH)

pKa Value: pK_{a1} 11.8 (50% MeOH aq.) pK_{a1} 11.3 (80% EtOH aq.)

>>Derivative: Sulfate (2:1)

Physical Description: Cryst. + 7H₂O (Me₂CO aq.)

Melting Point: Mp 113° (hydrate). Mp 231° (anhyd.)

>>Derivative: 15-Epimer

Synonym(s): 15-Epiajaconine. Deacetylspiramine F

Molecular Formula: C₂₂H₃₃NO₃

Molecular Weight: 359.508

Accurate Mass: 359.246044

Percentage Composition: C 73.50%; H 9.25%; N 3.90%; O 13.35%

Biological Source: Alkaloid from *Spiraea japonica* var. *ovalifolia*

Physical Description: Plates (Me₂CO)

Melting Point: Mp 149-151°