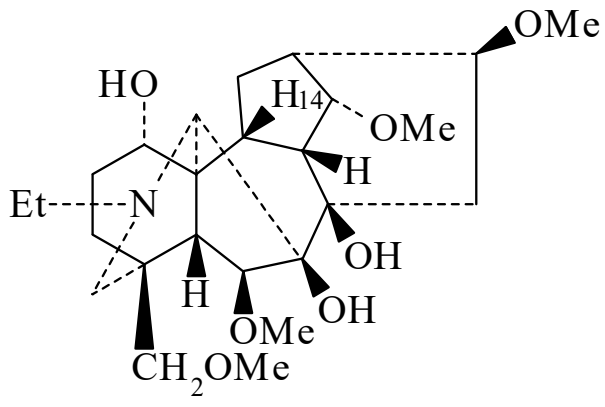
>>**Entry Name: Delsoline**
Synonym(s): Acomonine. 14-*O*-Methyldelcosine. 18-*O*-Methylgigactonine



CAS Registry Number: 509-18-2

Molecular Formula: $C_{25}H_{41}NO_7$
Molecular Weight: 467.601
Accurate Mass: 467.288304
Percentage Composition: C 64.22%; H 8.84%; N 3.00%; O 23.95%
Biological Source: Alkaloid from *Delphinium consolida, Delphinium orientale, Delphinium biternatum, Delphinium yunnanense, Aconitum finetianum, Aconitum monticola, Aconitum karakolicum, Consolida ambigua* (*Delphinium ajacis*) and others (Ranunculaceae)
Physical Description: Cryst. (MeOH)
Melting Point: Mp 212-213°
Optical Rotation: $[\alpha]_D^{24}$+54.3 (c, 1.0 in $CHCl_3$)

>>**Derivative:** O^1-Me
see Delphatine, CDX29-O

>>**Derivative:** O^6-De-Me
Synonym(s): Excecoitine

Molecular Formula: $C_{24}H_{39}NO_7$
Molecular Weight: 453.575
Accurate Mass: 453.272654
Percentage Composition: C 63.55%; H 8.67%; N 3.09%; O 24.69%
Biological Source: Alkaloid from *Aconitum excelsum*
Physical Description: Cryst.
Melting Point: Mp 202-204°

>>**Derivative:** O^6-De-Me, O^6-Ac
Synonym(s): 6-*O*-Acetyl-14-*O*-methyldelphinifoline

Molecular Formula: $C_{26}H_{41}NO_8$
Molecular Weight: 495.612
Accurate Mass: 495.283219
Percentage Composition: C 63.01%; H 8.34%; N 2.83%; O 25.83%
Biological Source: Alkaloid from the flowers of *Aconitum lycoctonum*
Physical Description: Oil

>>**Derivative:** O^{16}-De-Me
Synonym(s): 16-*O*-Demethyldelsoline

Molecular Formula: $C_{24}H_{39}NO_7$
Molecular Weight: 453.575
Accurate Mass: 453.272654
Percentage Composition: C 63.55%; H 8.67%; N 3.09%; O 24.69%
Biological Source: Alkaloid from *Delphinium fangshanense*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D$ +41.5 (c, 0.4 in $CHCl_3$)

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