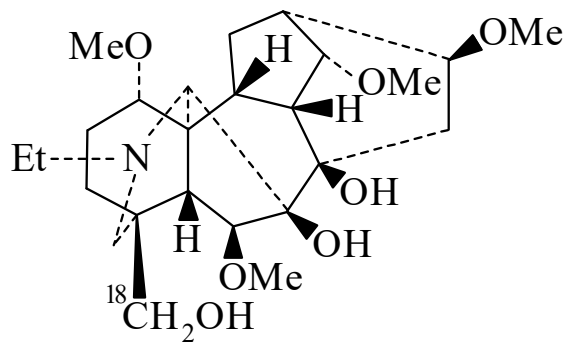
>>**Entry Name: Lycoctonine**
Synonym(s): Lycoctinine. Delsine. Royline



CAS Registry Number: 26000-17-9

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 barbeyi, Delphinium tricorne, Inula royleana, Aconitum lycoctonum* and many other *Delphinium* and *Aconitum* spp. (Ranunculaceae, Compositae)
Melting Point: Mp 151-153°
Optical Rotation: $[\alpha]_D^{20}$+50 (+53) (EtOH)

>>**Derivative:** Hydrochloride

Melting Point: Mp 165°

>>**Derivative:** O^{18}-Ac
Synonym(s): Tricornine

CAS Registry Number: 26871-60-3

Molecular Formula: $C_{27}H_{43}NO_8$
Molecular Weight: 509.639
Accurate Mass: 509.298869
Percentage Composition: C 63.63%; H 8.50%; N 2.75%; O 25.11%
Biological Source: Alkaloid from *Delphinium tricorne* (whole plant) (Ranunculaceae)
Melting Point: Mp 187-189 dec.°
Optical Rotation: $[\alpha]_D^{22}$+47.3 (c, 1.3 in EtOH)

>>**Derivative:** 18-*O*-(2-Aminobenzoyl)
Synonym(s): Anthranoyllycoctonine. Inuline‡

CAS Registry Number: 22413-78-1

Molecular Formula: $C_{32}H_{46}N_2O_8$
Molecular Weight: 586.724
Accurate Mass: 586.325418
Percentage Composition: C 65.51%; H 7.90%; N 4.77%; O 21.82%
Biological Source: Alkaloid from *Inula royleana, Delphinium consolida, Delphinium barbeyi, Delphinium elisabethae, Delphinium grandiflorum, Delphinium tamarae, Delphinium biternatum, Delphinium cashmirianum, Delphinium dictyocarpum, Delphinium glaucescens, Delphinium confusum, Consolida ambigua (Delphinium ajacis), Aconitum umbrosum* and others (Compositae, Ranunculaceae)
Physical Description: Amorph. solid
Melting Point: Mp 160-165° (132-135°, 145-154° dec.)
Optical Rotation: $[\alpha]_D^{20}$+50.6 (c, 0.67 in $CHCl_3$). $[\alpha]_D^{27}$+51.2 (c, 0.519 in EtOH)

>>**Derivative:** 18-*O*-(2-Aminobenzoyl), O^6-de-Me
Synonym(s): Acoseptrinine. 6-Demethylanthranoyllycoctonine

CAS Registry Number: 146001-07-2

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