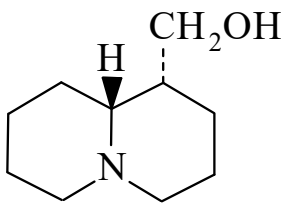
>>**Entry Name: Lupinine**
ENTRY UNDER REVIEW
Synonym(s): Octahydro-2*H*-quinolizine-1-methanol, 9Cl. 1-Hydroxymethylquinolizidine



(_)-*form*

Molecular Formula: $C_{10}H_{19}NO$
Molecular Weight: 169.266
Accurate Mass: 169.146664
Percentage Composition: C 70.96%; H 11.31%; N 8.27%; O 9.45%
Use/Importance: Insect antifeedant. Antiinflammatory, antiarrhythmic agnet. Oxytocic agent. Possesses cathartic, diuretic props.
Calculated Log P Data: Log P 0.85 (calc)

>>**Variant:** (+)-form

Molecular Formula: $C_{10}H_{19}NO$
Molecular Weight: 169.266
Accurate Mass: 169.146664
Percentage Composition: C 70.96%; H 11.31%; N 8.27%; O 9.45%
Source/Synthesis: Synthetic
Melting Point: Mp 68°
Optical Rotation: $[\alpha]_D$ +19.9

>>**Derivative:** (–)-Tartrate salt

Melting Point: Mp 167-168°
Optical Rotation: $[\alpha]_D$ –15.8 (H_2O)

>>**Variant:** (–)-form

CAS Registry Number: 486-70-4

Molecular Formula: $C_{10}H_{19}NO$
Molecular Weight: 169.266
Accurate Mass: 169.146664
Percentage Composition: C 70.96%; H 11.31%; N 8.27%; O 9.45%
Biological Source: Alkaloid from *Anabasis aphylla, Lupinus luteus, Lupinus palmeri* and a few other *Lupinus* spp. (Chenopodiaceae, Leguminosae)
Melting Point: Mp 70-71°
Boiling Point: Bp 255-257°
Optical Rotation: $[\alpha]_D^{17}$ –20.4 (EtOH)
Other Data: Pharmacol. active isomer
Hazard & Toxicity: LD_{50} (mus, ivn) 15 mg/kg

>>**Derivative:** Hydrochloride

CAS Registry Number: 6113-09-3
Melting Point: Mp 212-213° (207-209°)
Optical Rotation: $[\alpha]_D$ –14 (H_2O)

>>**Derivative:** Picrate

CAS Registry Number: 6113-13-9
Melting Point: Mp 136-137°. Mp 196-197° (dimorph.)

>>**Derivative:** Butanoyl
Synonym(s): Butanoyllupinine

CAS Registry Number: 38976-65-7