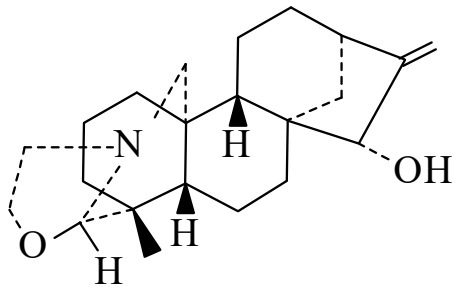
>>**Entry Name: Garryine,** 9CI




Absolute
conf guration

**CAS Registry Number:** 561-51-3

**Molecular Formula:** $C_{22}H_{33}NO_2$
**Molecular Weight:** 343.508
**Accurate Mass:** 343.251129
**Percentage Composition:** C 76.92%; H 9.68%; N 4.08%; O 9.32%
**Biological Source:** Alkaloid from the bark of *Garrya veatchii* (Garryaceae)
**Melting Point:** Mp 74-82° (hydrate)
**Optical Rotation:** $[\alpha]_D^{28}$ –84 (c, 1.4 in EtOH)

>>**Derivative:** Hydrochloride

**Melting Point:** Mp 251-252 dec., 263-268°°

>>**Derivative:** Hydrobromide

**Melting Point:** Mp 229-230 dec.°

>>**Derivative:** Hydroiodide

**Melting Point:** Mp 203-204 dec.°

>>**Derivative:** 15-Epimer
**Synonym(s): Isogarryfoline.** 15β-Garryine, 9CI. Isolaurifoline

**CAS Registry Number:** 467-92-5

**Molecular Formula:** $C_{22}H_{33}NO_2$
**Molecular Weight:** 343.508
**Accurate Mass:** 343.251129
**Percentage Composition:** C 76.92%; H 9.68%; N 4.08%; O 9.32%
**Biological Source:** Alkaloid from *Garrya laurifolia*. Also obt. by rearr. of Garryfoline in boiling MeOH(Garryaceae)
**Physical Description:** Cryst. ($Me_2CO$ or hexane)
**Melting Point:** Mp 140-144°
**Optical Rotation:** $[\alpha]_D$ –57 ($CHCl_3$)
**pKa Value:** p$K_a$ 8.6

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