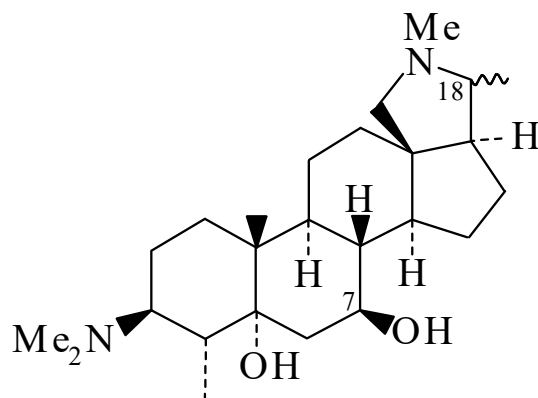




>>Entry Name: Kurcholessine



**CAS Registry Number:** 6869-47-2

**Molecular Formula:** C<sub>25</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight:** 404.635

**Accurate Mass:** 404.340278

**Percentage Composition:** C 74.21%; H 10.96%; N 6.92%; O 7.91%

**Biological Source:** Produced from extract of the rind of *Holarrhena antidysenterica* by methylation with CH<sub>2</sub>O/HCOOH (Apocynaceae)

**Melting Point:** Mp 218.5-221.5°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> -4 (CHCl<sub>3</sub>)

>>Derivative: Hydrochloride

**Melting Point:** Mp 255-265 dec.°

>>Derivative: 7 $\alpha$ ,18 $\beta$ -Isomer

**Synonym(s):** Regholarrhenine E

**CAS Registry Number:** 128718-02-5

**Molecular Formula:** C<sub>25</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight:** 404.635

**Accurate Mass:** 404.340278

**Percentage Composition:** C 74.21%; H 10.96%; N 6.92%; O 7.91%

**Biological Source:** Alkaloid from stem bark of *Holarrhena antidysenterica* (Apocynaceae)

**Physical Description:** Brown solid (MeOH)

**Melting Point:** Mp 285-287°

#### References:

Tschesche, R. *et al.*, *Chem. Ber.*, 1962, **95**, 1114, (*isol, uv, ir*)

Tschesche, R. *et al.*, *Tet. Lett.*, 1964, 1659, (*struct, ms, ir, pmr*)

Bhutani, K.K. *et al.*, *Phytochemistry*, 1990, **29**, 969, (*Regholarrhenine E*)