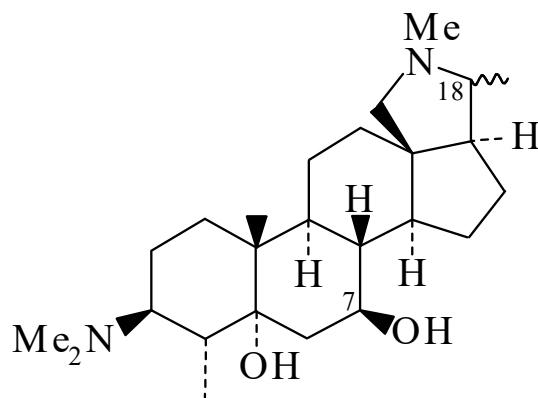




>>Entry Name: Kurcholessine



CAS Registry Number: 6869-47-2

Molecular Formula: C₂₅H₄₄N₂O₂

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 CH₂O/HCOOH (Apocynaceae)

Melting Point: Mp 218.5-221.5°

Optical Rotation: [α]_D −4 (CHCl₃)

>>Derivative: Hydrochloride

Melting Point: Mp 255-265 dec.°

>>Derivative: 7α,18β-Isomer

Synonym(s): Regholarrhenine E

CAS Registry Number: 128718-02-5

Molecular Formula: C₂₅H₄₄N₂O₂

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*)