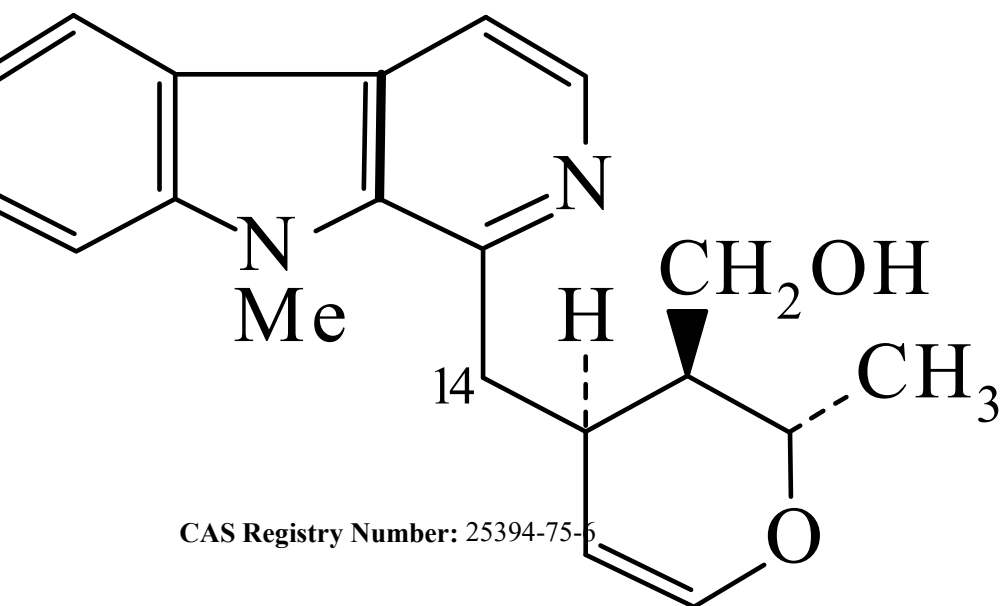




>>Entry Name: Alstonidine



CAS Registry Number: 25394-75-6

Relative
configuration

Molecular Formula: C₂₂H₂₄N₂O₄

Molecular Weight: 380.443

Accurate Mass: 380.173608

Percentage Composition: C 69.46%; H 6.36%; N 7.36%; O 16.82%

Biological Source: Alkaloid from *Alstonia constricta* (Apocynaceae)

Melting Point: Mp 188-190°

Optical Rotation: [α]_D -99 (c, 1.0 in CHCl₃)

>>Derivative: Ac

Physical Description: Needles + 3H₂O (Me₂CO aq.)

Melting Point: Mp 92-96°

>>Derivative: 14-Oxo

Synonym(s): 14-Ketoalstonidine

Molecular Formula: C₂₂H₂₂N₂O₅

Molecular Weight: 394.426

Accurate Mass: 394.152873

Percentage Composition: C 66.99%; H 5.62%; N 7.10%; O 20.28%

Biological Source: Alkaloid from stem bark of *Alstonia constricta* (Apocynaceae)

Physical Description: Noncryst.

Other Data: Labile

References: