



>>Derivative: Nitrate

Physical Description: Prisms (H₂O)

Melting Point: Mp 204°

>>Derivative: Methiodide

Physical Description: Needles (H₂O)

Melting Point: Mp 233°

Optical Rotation: $[\alpha]_D^{20} -83$ (c, 1.36 in EtOH)

>>Derivative: O-De-Ac

Synonym(s): Rhazimol. Deacetylakuammiline. Ercinaminine

CAS Registry Number: 1897-30-9

Molecular Formula: C₂₁H₂₄N₂O₃

Molecular Weight: 352.432

Accurate Mass: 352.178693

Percentage Composition: C 71.57%; H 6.86%; N 7.95%; O 13.62%

Biological Source: Alkaloid from *Vinca minor*, *Picralima nitida*, *Rauwolfia vomitoria*, *Rauwolfia oreogiton* and *Rhazya stricta* (Apocynaceae)

Physical Description: Pale yellow amorph. powder

Optical Rotation: $[\alpha]_D^{21} +19.7$ (MeOH)

>>Derivative: O-De-Ac, O-(3,4,5-trimethoxybenzoyl)

Synonym(s): Alstolenine

CAS Registry Number: 85769-33-1

Molecular Formula: C₃₁H₃₄N₂O₇

Molecular Weight: 546.619

Accurate Mass: 546.236603

Percentage Composition: C 68.12%; H 6.27%; N 5.12%; O 20.49%

Biological Source: Minor alkaloid from the leaves of *Alstonia venenata*

Physical Description: Amorph.

Optical Rotation: $[\alpha]_D -70.9$ (EtOH)