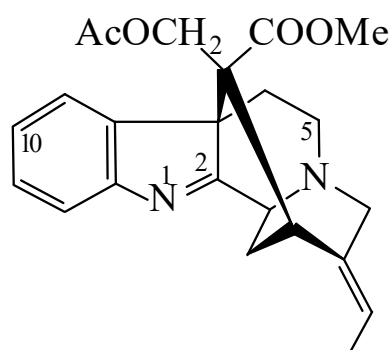




>>Entry Name: Akuammiline

Synonym(s): Methyl 17-(acetyloxy)akuammilan-16-carboxylate, 10Cl. Methyl 16-[(acetyloxy)methyl]akuammilan-17-oate, 9Cl



CAS Registry Number: 1897-26-3

Molecular Formula: C₂₃H₂₆N₂O₄

Molecular Weight: 394.469

Accurate Mass: 394.189258

Percentage Composition: C 70.03%; H 6.64%; N 7.10%; O 16.22%

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

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 157-161°

Optical Rotation: [α]_D²⁴+83 (c, 0.5 in CHCl₃)

>>Derivative: Hydrochloride

Physical Description: Cryst. + 1H₂O (H₂O or EtOH)

Melting Point: Mp 196°

Optical Rotation: [α]_D²⁰-29.6 (c, 3.84 in H₂O)

>>Derivative: Hydroiodide

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 210°

>>Derivative: Nitrate

Physical Description: Prisms (H₂O)

Melting Point: Mp 204°

>>Derivative: Methiodide

Physical Description: Needles (H₂O)

Melting Point: Mp 233°

Optical Rotation: [α]_D²⁰-83 (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: [α]_D²¹+19.7 (MeOH)