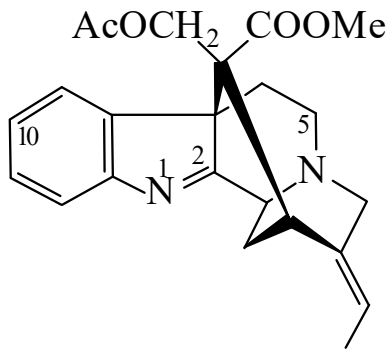
>>**Entry Name: Akuammiline**
Synonym(s): Methyl 17-(acetyloxy)akuammilan-16-carboxylate, $_{10Cl}$. Methyl 16-[(acetyloxy)methyl]akuammilan-17-oate, $_{9Cl}$



CAS Registry Number: 1897-26-3

Molecular Formula: $C_{23}H_{26}N_2O_4$
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. (Et_2O)
Melting Point: Mp 157-161°
Optical Rotation: $[\alpha]_D^{24}$+83 (c, 0.5 in $CHCl_3$)

>>**Derivative:** Hydrochloride

Physical Description: Cryst. + $1H_2O$ (H_2O or EtOH)
Melting Point: Mp 196°
Optical Rotation: $[\alpha]_D^{20}$–29.6 (c, 3.84 in H_2O)

>>**Derivative:** Hydroiodide

Physical Description: Needles (EtOH aq.)
Melting Point: Mp 210°

>>**Derivative:** Nitrate

Physical Description: Prisms (H_2O)
Melting Point: Mp 204°

>>**Derivative:** Methiodide

Physical Description: Needles (H_2O)
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: $C_{21}H_{24}N_2O_3$
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)

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