Percentage Composition: C 69.68%; H 7.12%; N 7.07%; O 16.14%
Biological Source: Alkaloid from *Rauwolfia oreogiton, Vinca erecta* and *Cabucala fasciculata* (Apocynaceae)
Physical Description: Needles (Me_2CO)
Melting Point: Mp 242-243°

>>**Derivative:** Me ether; methiodide

Physical Description: Cryst. (EtOH)
Melting Point: Mp 244-248 dec.°

>>**Derivative:** 10-Deoxy
Synonym(s): Pseudoakuammigine. ψ-Akuammigine

CAS Registry Number: 2447-70-3

Molecular Formula: $C_{22}H_{26}N_2O_3$
Molecular Weight: 366.459
Accurate Mass: 366.194343
Percentage Composition: C 72.11%; H 7.15%; N 7.64%; O 13.10%
Biological Source: Alkaloid from *Alstonia scholaris, Picralima klaineana* and *Picralima nitida* (Apocynaceae)
Physical Description: Prisms (EtOH aq.), plates (C_6H_6/cyclohexane)
Melting Point: Mp 165° (158°)
Optical Rotation: $[\alpha]_D^{20}$ –53.8 (c, 3.42 in EtOH)

>>**Derivative:** 10-Deoxy; hydrochloride

Physical Description: Prisms (H_2O)
Melting Point: Mp 183° (solvate). Mp 218° (anhyd.)
Optical Rotation: $[\alpha]_D^{20}$ –15.4 (c, 1.065 in EtOH)

>>**Derivative:** 10-Deoxy, picrate

Physical Description: Yellow needles (Me_2CO)
Melting Point: Mp 223°

>>**Derivative:** 10-Deoxy, N^4-oxide
Synonym(s): Pseudoakuammigine *N*-oxide

CAS Registry Number: 125205-49-4

Molecular Formula: $C_{22}H_{26}N_2O_4$
Molecular Weight: 382.458
Accurate Mass: 382.189258
Percentage Composition: C 69.09%; H 6.85%; N 7.32%; O 16.73%
Biological Source: Alkaloid from the stem bark of *Alstonia angustifolia* (Apocynaceae)
Melting Point: Mp 204.3-204.4°
Optical Rotation: $[\alpha]_D^{22}$ –11.5 (c, 0.17 in $CHCl_3$)

>>**Derivative:** 10-Deoxy, 17*S*-hydroxy
Synonym(s): 17-Hydroxy-ψ-akuammigine. 10-Deoxy-17-hydroxyakuammine. 17-Hydroxypseudoakuammigine

CAS Registry Number: 79839-00-2

Molecular Formula: $C_{22}H_{26}N_2O_4$
Molecular Weight: 382.458
Accurate Mass: 382.189258
Percentage Composition: C 69.09%; H 6.85%; N 7.32%; O 16.73%
Biological Source: Alkaloid from *Hunteria congolana* (Apocynaceae)
Melting Point: Mp 131°
Optical Rotation: $[\alpha]_D$ –8.6 (c, 0.5 in $CHCl_3$)