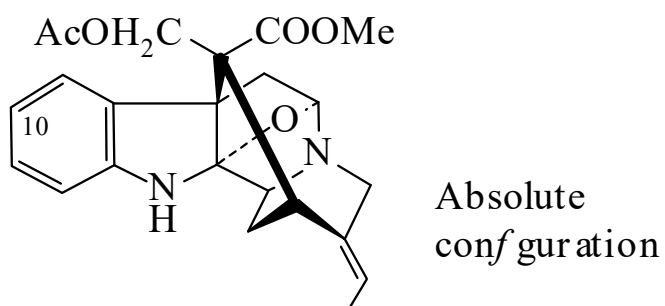




>>Entry Name: Picraline

Synonym(s): Methyl 17-(acetyloxy)-2,5-epoxy-1,2-dihydroakuammilan-16-carboxylate, 10Cl. Methyl 16-(acetyloxymethyl)-2,5-epoxy-1,2-dihydroakuammilan-17-oate, 9Cl



CAS Registry Number: 2671-32-1

Molecular Formula: $C_{23}H_{26}N_2O_5$

Molecular Weight: 410.469

Accurate Mass: 410.184173

Percentage Composition: C 67.30%; H 6.38%; N 6.82%; O 19.49%

Biological Source: Alkaloid from *Picralima klaineana*, the leaves of *Rauwolfia oreogiton* and the bark of *Aspidosperma rigidum* (Apocynaceae)

Physical Description: Needles (C_6H_6 /pentane)

Melting Point: Mp 160-162°. Mp 182°

>>Derivative: Picrate

Physical Description: Yellow prisms (MeOH)

Melting Point: Mp 162-164°

>>Derivative: N-Me

Synonym(s): Picratidine. N-Methylpicraline

CAS Registry Number: 131989-85-0

Molecular Formula: $C_{24}H_{28}N_2O_5$

Molecular Weight: 424.496

Accurate Mass: 424.199823

Percentage Composition: C 67.91%; H 6.65%; N 6.60%; O 18.85%

Physical Description: Cryst.

Melting Point: Mp 185-187°

Optical Rotation: $[\alpha]_D^{22} -100$ (c, 0.07 in EtOH)

>>Derivative: O-De-Ac

Synonym(s): Burnamine. Deacetylpicraline

CAS Registry Number: 6808-68-0

Molecular Formula: $C_{21}H_{24}N_2O_4$

Molecular Weight: 368.432

Accurate Mass: 368.173608

Percentage Composition: C 68.46%; H 6.57%; N 7.60%; O 17.37%

(Apocynaceae)

Physical Description: Cryst. (C_6H_6 /Et₂O)

Melting Point: Mp 197-198°

Optical Rotation: $[\alpha]_D -131$ ($CHCl_3$)

>>Derivative: O-De-Ac, picrate

Physical Description: Needles (MeOH)

Melting Point: Mp 147-149°