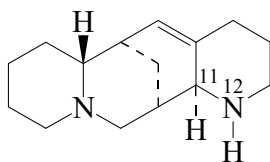




>>Entry Name: Aloperine

Synonym(s): 16,17-Didehydro-9-de-2-piperidinylormosanine, 9Cl. Allopterin



Absolute
Configuration

CAS Registry Number: 56293-29-9

Molecular Formula: C₁₅H₂₄N₂

Molecular Weight: 232.368

Accurate Mass: 232.193948

Percentage Composition: C 77.53%; H 10.41%; N 12.06%

Biological Source: Alkaloid from seeds and green parts of *Sophora alopecuroides* (Leguminosae)

Physical Description: Large prisms (petrol)

Melting Point: Mp 73-75° (70-71°)

Optical Rotation: $[\alpha]_D^{20} +82.1$ (c, 0.85 in EtOH)

Other Data: Incorr. stereochem. assigned in CA (1997)

>>Derivative: Hydrochloride

Melting Point: Mp 208°

>>Derivative: Hydrochloride (1:2)

Melting Point: Mp 265°

>>Derivative: *N*-Benzoyl

Molecular Formula: C₂₂H₂₈N₂O

Molecular Weight: 336.476

Accurate Mass: 336.220163

Percentage Composition: C 78.53%; H 8.39%; N 8.33%; O 4.75%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 161-162°

>>Derivative: *N*-Me

Synonym(s): *N*-Methylaloperine

CAS Registry Number: 63128-33-6

Molecular Formula: C₁₆H₂₆N₂

Molecular Weight: 246.395

Accurate Mass: 246.209598

Percentage Composition: C 78.00%; H 10.64%; N 11.37%

Biological Source: Alkaloid from *Sophora alopecuroides* (Leguminosae)

Melting Point: Mp 94-95°

Optical Rotation: $[\alpha]_D +140$ (EtOH)

>>Derivative: *N*-(2-Propenyl)

Synonym(s): *N*-Allylaloperine

CAS Registry Number: 56595-96-1

Molecular Formula: C₁₈H₂₈N₂

Molecular Weight: 272.433

Accurate Mass: 272.225248

Percentage Composition: C 79.36%; H 10.36%; N 10.28%

Biological Source: Alkaloid from *Sophora alopecuroides* (Leguminosae)

Physical Description: Oil

Melting Point: Mp 235-237° (as hydrobromide)(synthetic)