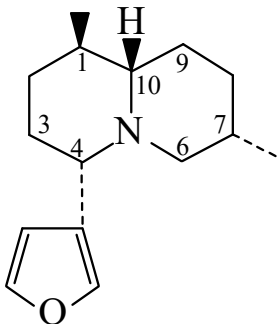




>>Entry Name: Deoxynupharidine

Synonym(s): 4-(3-Furanyl)octahydro-1,7-dimethyl-2*H*-quinolizine



Molecular Formula: C₁₅H₂₃NO

Molecular Weight: 233.353

Accurate Mass: 233.177964

Percentage Composition: C 77.21%; H 9.93%; N 6.00%; O 6.86%

General Statement: Nuphar alkaloid numbering shown

>>Variant: (–)-form

CAS Registry Number: 1143-54-0

Molecular Formula: C₁₅H₂₃NO

Molecular Weight: 233.353

Accurate Mass: 233.177964

Percentage Composition: C 77.21%; H 9.93%; N 6.00%; O 6.86%

Biological Source: Alkaloid from *Nuphar japonicum*, *Nuphar luteum* subsp. *variegatum*, *Nuphar pumila* (Nymphaeaceae) and from the scent glands of the Canadian beaver *Castor fiber*

Melting Point: Mp 21-22°

Boiling Point: Bp₈ 112-115°

Optical Rotation: [α]_D –112.5

>>Derivative: Hydrochloride

Melting Point: Mp 262°

>>Derivative: Picrate

Melting Point: Mp 153°

>>Derivative: *N*-Oxide

Synonym(s): Nupharidine

CAS Registry Number: 468-89-3

Molecular Formula: C₁₅H₂₃NO₂

Molecular Weight: 249.352

Accurate Mass: 249.172879

Percentage Composition: C 72.25%; H 9.30%; N 5.62%; O 12.83%

Biological Source: Alkaloid from *Nuphar japonicum* and *Nuphar pumila* (Nymphaeaceae)

Melting Point: Mp 222°

Optical Rotation: [α]_D +14.5 (H₂O)

>>Derivative: *N*-Oxide, picrate

Melting Point: Mp 176°