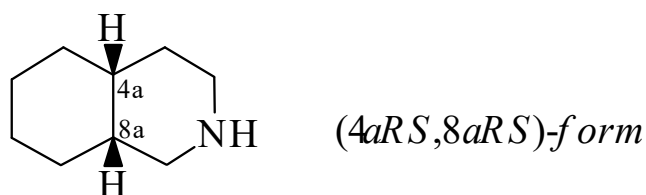




>>Entry Name: Decahydroisoquinoline, 9Cl
Synonym(s): Perhydroisoquinoline. 2-Azadecalin



CAS Registry Number: 6329-61-9

Molecular Formula: C₉H₁₇N
Molecular Weight: 139.24
Accurate Mass: 139.136099
Percentage Composition: C 77.64%; H 12.31%; N 10.06%

>>Variant: (4aRS,8aRS)-form

Synonym(s): (±)-cis-form

CAS Registry Number: 2744-08-3

Molecular Formula: C₉H₁₇N
Molecular Weight: 139.24
Accurate Mass: 139.136099
Percentage Composition: C 77.64%; H 12.31%; N 10.06%

>>Derivative: Hydrochloride

CAS Registry Number: 13623-77-3
Physical Description: Cryst. (EtOH/Et₂O)
Melting Point: Mp 183°

>>Derivative: Picrate

Physical Description: Yellow cryst. (MeOH)
Melting Point: Mp 150°

>>Derivative: N-Me

Molecular Formula: C₁₀H₁₉N
Molecular Weight: 153.267
Accurate Mass: 153.151749
Percentage Composition: C 78.37%; H 12.49%; N 9.14%
Physical Description: Needles (MeOH) (as picrate)
Melting Point: Mp 210° (picrate)

>>Variant: (4aRS,8aSR)-form

Synonym(s): (±)-trans-form

CAS Registry Number: 2744-09-4

Molecular Formula: C₉H₁₇N
Molecular Weight: 139.24
Accurate Mass: 139.136099
Percentage Composition: C 77.64%; H 12.31%; N 10.06%
Physical Description: Liq.
Boiling Point: Bp₁₂ 84-87°

>>Derivative: Hydrochloride

Physical Description: Needles (EtOH)
Melting Point: Mp 224°

>>Derivative: Picrate

Physical Description: Yellow prisms (MeOH)
Melting Point: Mp 177°