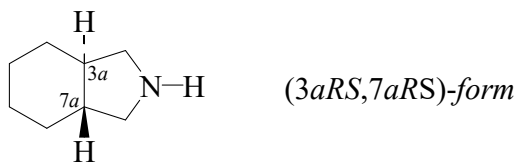




>>Entry Name: Octahydro-1*H*-isoindole, 9CI

Synonym(s): Hexahydroisoindoline, 8CI. 8-Azabicyclo[4.3.0]nonane



CAS Registry Number: 21850-12-4

Molecular Formula: C₈H₁₅N

Molecular Weight: 125.213

Accurate Mass: 125.120449

Percentage Composition: C 76.74%; H 12.07%; N 11.19%

>>Variant: (3*aRS*,7*aRS*)-form

Synonym(s): (±)-*trans*-form

CAS Registry Number: 10479-63-7

Molecular Formula: C₈H₁₅N

Molecular Weight: 125.213

Accurate Mass: 125.120449

Percentage Composition: C 76.74%; H 12.07%; N 11.19%

Physical Description: Liq.

Boiling Point: Bp₂₃ 83-84°

>>Variant: (3*aRS*,7*aSR*)-form

Synonym(s): *cis*-form. *meso*-form

CAS Registry Number: 1470-99-1

Molecular Formula: C₈H₁₅N

Molecular Weight: 125.213

Accurate Mass: 125.120449

Percentage Composition: C 76.74%; H 12.07%; N 11.19%

Physical Description: Liq.

Boiling Point: Bp₁₅ 75-76°

References:

Infarnet, Y. *et al.*, *Bull. Soc. Chim. Fr.*, 1976, 137-141, (*synth, pmr*)

Gilchrist, J. *et al.*, *Chem. Phys.*, 1988, **121**, 131-136, (3*aRS*,7*aSR*-form, *conformn*)

Punniyamurthy, T. *et al.*, *Tetrahedron*, 1999, **55**, 9439-9454, (3*aRS*,7*aSR*-form, *synth*)