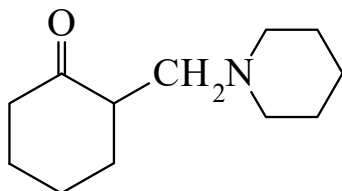




>>Entry Name: 2-(1-Piperidinylmethyl)cyclohexanone, 9CI

Synonym(s): Pimeclone, INN. Karion. Spiractin. NA 66. Nu 582



CAS Registry Number: 534-84-9

Molecular Formula: C₁₂H₂₁NO

Molecular Weight: 195.304

Accurate Mass: 195.162314

Percentage Composition: C 73.80%; H 10.84%; N 7.17%; O 8.19%

Use/Importance: Respiratory stimulant

Calculated Log P Data: Log P 2.16 (calc)

>>Variant: (±)-form

Molecular Formula: C₁₂H₂₁NO

Molecular Weight: 195.304

Accurate Mass: 195.162314

Percentage Composition: C 73.80%; H 10.84%; N 7.17%; O 8.19%

Boiling Point: Bp₁₄ 118-120°. Bp₆ 124°

>>Derivative: Hydrochloride

CAS Registry Number: 6966-09-2

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 161-165°

Hazard & Toxicity: LD₅₀ (mus, scu) 504 mg/kg

References:

Mannich, C. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1927, **265**, 598, (*synth, pharmacol*)

Dimroth, K. *et al.*, *Ber.*, 1940, **73**, 1399, (*synth*)

Dornow, A. *et al.*, *Chem. Ber.*, 1955, **88**, 1340, (*synth*)

Porszasz, J., *Acta Physiol. Acad. Sci. Hung.*, 1958, **14**, 375, (*pharmacol*)

Vecerkova, J. *et al.*, *J. Chromatogr.*, 1963, **10**, 479, (*chromatog*)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., Pharmaceutical Press, 1982, 13116