



>>Entry Name: Octamylamine, INN

Synonym(s): 6-Methyl-*N*-(3-methylbutyl)-2-heptanamine, 9CI. *N*-Isopentyl-1,5-dimethylhexylamine. 2-Isoamylamino-6-methylheptane. Neo-Octon. Octinum D. Octisamyl. Octometine. Ludoctal

CAS Registry Number: 502-59-0



Molecular Formula: C₁₃H₂₉N

Molecular Weight: 199.379

Accurate Mass: 199.229999

Percentage Composition: C 78.31%; H 14.66%; N 7.03%

Use/Importance: Spasmolytic, anticholinergic agent

Calculated Log P Data: Log P 4.82 (calc)

Hazard & Toxicity: LD₅₀ (mus, scu) 88.5 mg/kg

>>Variant: (±)-form

Molecular Formula: C₁₃H₂₉N

Molecular Weight: 199.379

Accurate Mass: 199.229999

Percentage Composition: C 78.31%; H 14.66%; N 7.03%

Physical Description: Oily liq.

Boiling Point: Bp₇ 100-101°

Other Data: Freq. used as mucate salt

>>Derivative: Hydrochloride

Physical Description: Waxy leaflets

Melting Point: Mp 121°

References:

Belg. Pat., 1943, *Laboratoires Georges Tixier*, 448 687; *CA*, **41**, 6371e, (*synth, pharmacol*)

Savini, E., *Arch. Int. Pharmacodyn. Ther.*, 1950, **82**, 127, (*pharmacol*)

Donike, M. *et al.*, *Fresenius' Z. Anal. Chem.*, 1976, **279**, 129, (*glc*)

Martindale, *The Extra Pharmacopoeia*, 28th/29th edn., *Pharmaceutical Press*, 1982, 5238