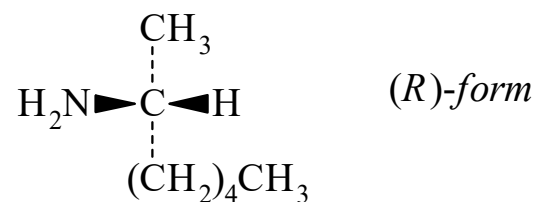




>>Entry Name: **2-Heptylamine**

Synonym(s): 2-Heptanamine, 9CI. 2-Aminoheptane. 1-Methylhexylamine. **Tuaminoheptane**, BAN, INN. Heptin. Heptadrine. Tuamine. Heptamine. Many other names



CAS Registry Number: 123-82-0

Related CAS Registry Numbers(s): 44745-29-1

Molecular Formula: C₇H₁₇N

Molecular Weight: 115.218

Accurate Mass: 115.136099

Percentage Composition: C 72.97%; H 14.87%; N 12.16%

Use/Importance: Vasoconstrictor and sympathomimetic agent

Development Status: Discontinued

pKa Value: pK_a 10.67 (25°)

Calculated Log P Data: Log P 2.29 (calc)

Hazard & Toxicity: LD₅₀ (rat, scu) 130 mg/kg

Aldrich: A5620-5

Fluka: 8040

>>Variant: (*R*)-form

CAS Registry Number: 6240-90-0

Molecular Formula: C₇H₁₇N

Molecular Weight: 115.218

Accurate Mass: 115.136099

Percentage Composition: C 72.97%; H 14.87%; N 12.16%

Aldrich: 46262-4

>>Derivative: Hydrochloride

CAS Registry Number: 101689-06-9

Melting Point: Mp 93-94°

Optical Rotation: [α]_D²⁴ +7.14 (c, 6.5 in EtOH)

>>Variant: ($\pm$)-form

Molecular Formula: C₇H₁₇N

Molecular Weight: 115.218

Accurate Mass: 115.136099

Percentage Composition: C 72.97%; H 14.87%; N 12.16%

Boiling Point: Bp 142°

Solubility: Sol. EtOH, Et₂O; spar. sol. H₂O

>>Derivative: Hydrochloride

Physical Description: Needles

Melting Point: Mp 81-83° (133°)

>>Derivative: Sulfate (2:1)

CAS Registry Number: 6411-75-2

Melting Point: Mp 230-240°

Rare Chemicals Library: S56417-6

Sigma: A0299

References: