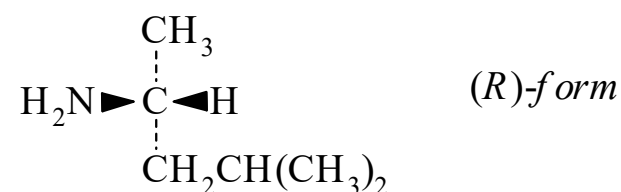




>>Entry Name: 4-Methyl-2-pentylamine

Synonym(s): 4-Methyl-2-pentanamine, 9CI. 4-Amino-2-methylpentane. 1,3-Dimethylbutylamine



CAS Registry Number: 108-09-8

Molecular Formula: C₆H₁₅N

Molecular Weight: 101.191

Accurate Mass: 101.120449

Percentage Composition: C 71.22%; H 14.94%; N 13.84%

Hazard & Toxicity: Flammable, fl. p. 13°. Skin irritant. LD₅₀ (mus, orl) 470 mg/kg

Aldrich: 12641-1

>>Variant: (*R*)-form

Synonym(s): L-form

CAS Registry Number: 15761-50-9

Molecular Formula: C₆H₁₅N

Molecular Weight: 101.191

Accurate Mass: 101.120449

Percentage Composition: C 71.22%; H 14.94%; N 13.84%

Boiling Point: Bp 105-107°

Optical Rotation: [α]_D¹⁹+4.2 (MeOH)

>>Derivative: *N*-(4-Methylbenzenesulfonyl)

Melting Point: Mp 62-64°

>>Variant: (±)-form

CAS Registry Number: 54548-48-0

Molecular Formula: C₆H₁₅N

Molecular Weight: 101.191

Accurate Mass: 101.120449

Percentage Composition: C 71.22%; H 14.94%; N 13.84%

Boiling Point: Bp 100-103°

References:

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