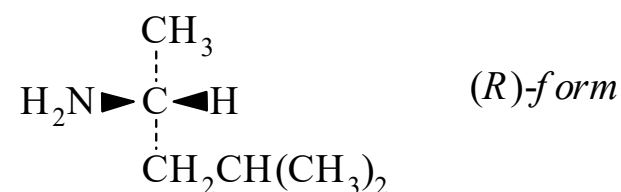




>>Entry Name: 4-Methyl-2-pentylamine

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



CAS Registry Number: 108-09-8

Molecular Formula: C<sub>6</sub>H<sub>15</sub>N

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. LD<sub>50</sub> (mus, orl) 470 mg/kg

Aldrich: 12641-1

>>Variant: (R)-form

Synonym(s): L-form

CAS Registry Number: 15761-50-9

Molecular Formula: C<sub>6</sub>H<sub>15</sub>N

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]<sub>D</sub><sup>19</sup>+4.2 (MeOH)

>>Derivative: N-(4-Methylbenzenesulfonyl)

Melting Point: Mp 62-64°

>>Variant: (±)-form

CAS Registry Number: 54548-48-0

Molecular Formula: C<sub>6</sub>H<sub>15</sub>N

Molecular Weight: 101.191

Accurate Mass: 101.120449

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

Boiling Point: Bp 100-103°

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