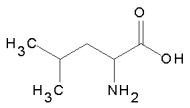

Formula: C6H13NO2

MW: 131.17

CAS: 328-39-2

TNP NUMBER: TNP00583

MDL NUMBER: MFCD00063087

IUPAC: leucine

Smiles: O=C(C(CC(C)C)N)O

DL-Leucine 99+%

THERAPEUTIC CATEGORY: Nutrient

ACCEPTORS: 2

DONORS: 3

ROTATION BONDS: 4

N+O: 3

Chiral Centers: 1

LogP: 0.28

LogS: -2.36

LIPINSKI: 4

Synonyms: H-DL-LEU-OH;DL-A-AMINO-G-METHYLVALERIC ACID;DL-A-AMINOISOCAPROIC ACID;DL-2-AMINO-4-METHYLPENTANOIC ACID;DL-2-AMINO-4-METHYLVALERIANIC ACID;DL-2-AMINO-4-METHYLVALERIC ACID;DL-LEUCINE;DL-LEU

CAS:328-39-2

MF:C6H13NO2

MW:131.17

EINECS:206-328-2

Product Categories:Amino Acid Derivatives;Leucine [Leu, L];alpha-Amino Acids;Amino Acids;Biochemistry;Amino Acids DL-2-Amino-4-methylpentanoic acid

Chemical Properties: mp 293-296 C (subl.)(lit.) density 1,293 g/cm3 storage temp. Store at RT. Water Solubility soluble Merck 14,5451 BRN 636005 Stability:Stable. Incompatible with strong oxidizing agents.

CAS DataBase Reference: 328-39-2(

CAS DataBase Reference:) NIST Chemistry ReferenceDL-Leucine(328-39-2) EPA Substance Registry SystemLeucine(328-39-2) Xn Safety Statements 22-24/25-36 WGK Germany 3 HS Code 29224995   DL-2-Amino-4-methylpentanoic acid DL-2-Amino-4-methylpentanoic acid

Usage And Synthesis:

Chemical Properties: White crystalline powder DL-2-Amino-4-methylpentanoic acid