



Formula: C6H13N3O3

MW: 175.19

CAS: 372-75-8

MDL: MFCD00063710

TNP: TNP00388

2-Amino-5-ureidovalericacid; citrulline,citrusextract; n5-(aminocarbonyl)-l-ornithin;
N5-(aminocarbonyl)-L-Ornithine; N-ORN(CARBAMOYL)-OH;
N-DELTA-CARBAMOYL-L-ORNITHINE; (S)-2-AMINO-5-UREIDOPENTANOIC ACID;
ALPHA-AMINO-DELTA-UREIDO-N-VALERIC ACID



LogP: 2.66

LogS: -3.93

Acceptors: 3

Donors: 6

Rotation Bonds: 6

Chiral Centers: 1

N+O: 6

LIPINSKY: 3

Info: L(+)-Citrulline 99+%

IUPAC: (2S)-2-amino-5-(aminocarbonylamino)pentanoic acid

Smiles: O=C(O)[C@@H](N)CCCNC(N)=O

Specification: Citrulline [Cit]; Amino Acids; Unusual Amino Acids; Biochemistry;
non-Proteinorganic Amino Acids; Nutritional Supplements; L-Amino Acids; Amino Acids
L(+)-Citrulline Chemical Properties:

mp 214 C alpha 25.5