



Formula: C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>3</sub>

MW: 171.16

CAS: 157-03-9

TNP NUMBER: TNP00634

IUPAC: (2S)-2-amino-6-diazo-5-oxohexanoic acid

Smiles: [N+](=[N-])=CC(=O)CCC(C(=O)O)N

THERAPEUTIC CATEGORY: Antineoplastic

REFERENCE: Merck, 13, 3026

SOURCE: Antitumor antibiotic produced by an unidentified species of Streptomyces from peruvian soil

ACCEPTORS: 3

DONORS: 3

ROTATION BONDS: 6

N+O: 6

Chiral Centers: 1

LogP: -1.31

LogS: -1.97

LIPINSKI: 4

Synonyms:

6-diazo-5-oxo,l-norleucin;6-diazo-5-oxo-l-norleucin;diazo-oxo-norleucine;don(pharmaceutical);6-DIAZO-5-OXO-L-2-AMINOHEXANOIC ACID;6-DIAZO-5-OXO-L-NORLEUCINE;6-DIAZO-5-OXO-NORLEUCINE;L-DON

CAS:157-03-9

MF:C6H9N3O3

MW:171.15

EINECS:

Product Categories:Antibiotics 6-DIAZO-5-OXO-L-NORLEUCINE

Chemical Properties: mp ~145 C (dec.) storage temp. -20C form crystalline color light yellow  
Merck 13,3026 T Risk Statements 23/24/25 Safety Statements 36/37/39-45 RIDADR UN 2811  
6.1/PG 3 WGK Germany 3 RTECS RC6340000 F 8 6-DIAZO-5-OXO-L-NORLEUCINE

Usage And Synthesis: 6-DIAZO-5-OXO-L-NORLEUCINE

