



Formula: C<sub>6</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S

MW: 191.25

Salt: 2HCl

CAS: 156719-37-8

MDL: MFCD00935993

TNP: TNP00619

2-THIOUREIDO-L-NORVALINE; L-THIOCITRULLINE HCL; L-THIOCITRULLINE;  
N5-AMINOTHIOXOMETHYL-L-ORNITHINE; THIOCITRULLINE;  
(S)-2-Amino-5-(thioureido)pentanoic acid, N5-Aminothioxomethyl-L-ornithine;  
2-Thioureido-L-norvaline, N5-Aminothioxomethyl-L-ornithine



LogP: -2.84

LogS: -2.37

Acceptors: 2

Donors: 6

Rotation Bonds: 6

Chiral Centers: 1

N+O: 5

LIPINSKY: 3

Info: Analog of citrulline, Citrulline first isolated from watermelon.

IUPAC: (2S)-2-amino-5-[(aminothioxomethyl)amino]pentanoic acid

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

Specification: L-THIOCITRULLINE Chemical Properties:

storage temp. 2-8C Safety 22-24/25 WGK Germany 3 F 10 L-THIOCITRULLINE Usage And  
Synthesis L-THIOCITRULLINE