

Product Name	: 3-Chloro-L-alanine
Synonyms	: β -Chloro-L-alanine; L- β -Chloroalanine
Cat No.	: M20568
CAS Number	: 2731-73-9
Molecular Formula	: C ₃ H ₆ ClNO ₂
Formula Weight	: 123.54
Chemical Name	: —
Description	: 3-Chloro-L-alanine is a bacteriostatic amino acid analog which inhibits a number of enzymes including threonine deaminase and alanine racemase.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Bacterial
Solubility	: H ₂ O:30 mg/mL (242.84 mM)
SMILES	: <chem>N[C@@H](Cl)C(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Whalen W A Wang M D Berg C M . beta-Chloro-L-alanine inhibition of the Escherichia coli alanine-valine transaminase.[J]. Journal of Bacteriology 1985 164(3):1350-2.