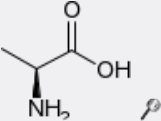


L-Alanine, 99%

[MSDS](#) [Specifications](#) [Categories](#) [3D model](#) [Infrared](#) [Molfile](#) [Other grades](#)



General			
Product Name	L-Alanine Ala		
CAS RN	56-41-7		
ACD Code	MFCD00064410		
Structure			
Molecular Formula	C3 H7 N O2		
Molecular weight	89.09		
Pack size	Catalog	Qty / UM	Price (USD)
	102830250	25 GR	24.50 Order Check stock Plastic bottle
	102831000	100 GR	52.50 Order Check stock Plastic bottle
	102835000	500 GR	92.50 Order Check stock Plastic bottle
Physical			
Melting Point (°C)	314 - 316		
Alpha	14.5Å° (c=10,6N HCl,dry sub., T=20°C)		
Safety			
Categories			
		Biochemicals and Reagents > Enzymes, Inhibitors, and Substrates > Metabolomics > Metabolic Pathways > Metabolites and Cofactors on the Metabolic Pathways Chart > TCA	
		Biochemicals and Reagents > Amino Acids > Amino Acids	
		Biochemicals and Reagents > Amino Acids	
Other			
Infrared	Show		
Parameter	EINECS Solubility	200-273-8 Solubility in water: 166.5g/l in water (25°C) Solubility in other solvents: slightly soluble in alcohol insoluble in ether and organic solvents	
	Origin	synthetic	
	References: Literature	Synthesis of D-isothreonine and L-alloisothreonine starting from L-alanine: J.-P. Wolf;Helv. Chim. Acta 70, 116-120(1987).	
	Reference: Beilstein	04,381	
	Reference: Merck	15,197	
3D model	Show		