

Data Sheet (Cat.No.TN1003)

DL-Alanine

Chemical Properties

CAS No.: 302-72-7
Formula: C3H7NO2
Molecular Weight: 89.09
Appearance: N/A

Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	DL-Alanine is a natural product
Targets(IC ₅₀)	others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.225 mL	56.123 mL	112.246 mL
5 mM	2.245 mL	11.225 mL	22.449 mL
10 mM	1.122 mL	5.612 mL	11.225 mL
50 mM	0.224 mL	1.122 mL	2.245 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Page 1 of 2 www.targetmol.com

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Page 2 of 2 www.targetmol.com