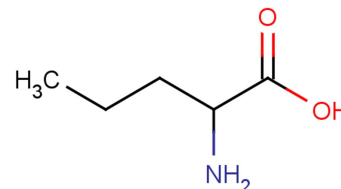


DL-Norvaline

Chemical Properties

CAS No.:	760-78-1
Formula:	C ₅ H ₁₁ NO ₂
Molecular Weight:	117.15
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DL-Norvaline is a non-competitive inhibitor of arginase. Derivatives of L-norvaline.
Targets(IC ₅₀)	Human Endogenous Metabolite: None
In vitro	DL-Norvaline, a derivative of L-norvaline, which is a non-competitive inhibitor of arginase.

Solubility Information

Solubility	H ₂ O: 50 mg/mL (426.80 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.536 mL	42.68 mL	85.361 mL
5 mM	1.707 mL	8.536 mL	17.072 mL
10 mM	0.854 mL	4.268 mL	8.536 mL
50 mM	0.171 mL	0.854 mL	1.707 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.

Reference

1. Sosroseno W, et al. Arginase activity in a murine macrophage cell line (RAW264.7) stimulated with lipopolysaccharide from *Actinobacillus actinomycetemcomitans*. *Oral Microbiol Immunol*. 2006 Jun;21(3):145-50.
2. El-Bassossy HM, et al. Arginase inhibition alleviates hypertension associated with diabetes: effect on endothelial dependent relaxation and NO production. *Vascul Pharmacol*. 2012 Nov-Dec;57(5-6):194-200.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481