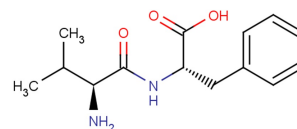


L-Valyl-L-phenylalanine

Chemical Properties

CAS No.:	3918-92-1
Formula:	C ₁₄ H ₂₀ N ₂ O ₃
Molecular Weight:	264.32
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	L-Valyl-L-phenylalanine has been reported as biocompatible polymer.
Targets(IC ₅₀)	Human Endogenous Metabolite: None
In vitro	The alkyl esters of dipeptides consisting essentially of amino acids with hydrophobic side chains may be used to deplete cytotoxic T-lymphocytes or natural killer cells from organisms, cell populations or tissues.

Solubility Information

Solubility	H ₂ O: 160 mg/mL (605.33 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.783 mL	18.916 mL	37.833 mL
5 mM	0.757 mL	3.783 mL	7.567 mL
10 mM	0.378 mL	1.892 mL	3.783 mL
50 mM	0.076 mL	0.378 mL	0.757 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. US5047401 A

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

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