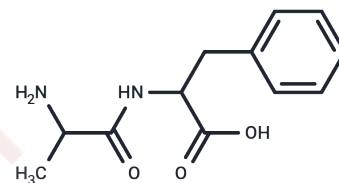


## Alanylphenylalanine

## Chemical Properties

CAS No. :	3061-90-3
Formula:	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	236.27
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Alanylphenylalanine (Ala-phe) is a compound isolated from the brainstem of calves.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: < 0.1 mg/mL (insoluble or slightly soluble), H <sub>2</sub> O: < 0.1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2324 mL	21.1622 mL	42.3245 mL
5 mM	0.8465 mL	4.2324 mL	8.4649 mL
10 mM	0.4232 mL	2.1162 mL	4.2324 mL
50 mM	0.0846 mL	0.4232 mL	0.8465 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Li J, et al. Estimation of the pH-independent binding constants of alanylphenylalanine and leucylphenylalanine stereoisomers with beta-cyclodextrin in the presence of urea. Electrophoresis. 1999 Jan;20(1):171-9.

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