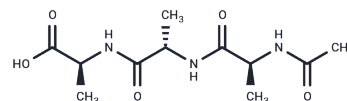


Acetyltrialanine

Chemical Properties

CAS No. :	19245-85-3
Formula:	C ₁₁ H ₁₉ N ₃ O ₅
Molecular Weight:	273.29
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Acetyltrialanine is a dipeptide compound that binds at two sites on the Tb+3-pancreatic elastase complex and can be used as a nitrogen source.
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Solubility Information

Solubility	DMSO: 50 mg/mL (182.96 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6591 mL	18.2956 mL	36.5912 mL
5 mM	0.7318 mL	3.6591 mL	7.3182 mL
10 mM	0.3659 mL	1.8296 mL	3.6591 mL
50 mM	0.0732 mL	0.3659 mL	0.7318 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.

Reference

Kubelka J, Silva RA, Keiderling TA. Discrimination between peptide 3(10)- and alpha-helices. Theoretical analysis of the impact of alpha-methyl substitution on experimental spectra. J Am Chem Soc. 2002 May 15;124(19):5325-

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