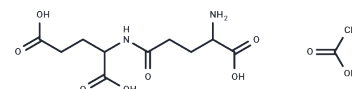


D-γ-Glutamyl-D-glutamic acid acetate

Chemical Properties

CAS No. :	TP1766L
Formula:	C ₁₂ H ₂₀ N ₂ O ₉
Molecular Weight:	336.29
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	D-γ-Glutamyl-D-glutamic acid acetate is a poly(γ-glutamic acid) of clusters of D- and D-glutamic acid repeating units in a linear chain.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9736 mL	14.8681 mL	29.7362 mL
5 mM	0.5947 mL	2.9736 mL	5.9472 mL
10 mM	0.2974 mL	1.4868 mL	2.9736 mL
50 mM	0.0595 mL	0.2974 mL	0.5947 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

Wang F, et al. Microstructure of poly(γ-glutamic acid) produced by *Bacillus subtilis* consisting of clusters of D- and L-glutamic acid repeating units. *J Agric Food Chem.* 2008 Jun 11;56(11):4225-8.

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