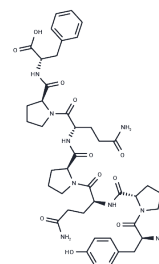


## alpha-Gliadin (43-49)

## Chemical Properties

CAS No. :	107936-65-2
Formula:	C43H57N9O11
Molecular Weight:	875.97
Storage:	Keep away from moisture 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	alpha-Gliadin (43-49) is a Gliadin sequence peptide. It could induce leukocyte migration inhibition but be blocked by naloxone.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1416 mL	5.708 mL	11.4159 mL
5 mM	0.2283 mL	1.1416 mL	2.2832 mL
10 mM	0.1142 mL	0.5708 mL	1.1416 mL
50 mM	0.0228 mL	0.1142 mL	0.2283 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

- Payan DG, Horváth K, Gráf L. Specific high-affinity binding sites for a synthetic gliadin heptapeptide on human peripheral blood lymphocytes. *Life Sci.* 1987 Mar 23;40(12):1229-36. PubMed PMID: 3561149.
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- Gráf L, Horváth K, Berzétei I, Antoni F. [Gliadin and gliadophins: studies of structure and mechanism of action in lymphocytes in children with celiac disease]. *Orv Hetil.* 1986 Dec 21;127(51):3105-10. Hungarian. PubMed PMID: 3822445.

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