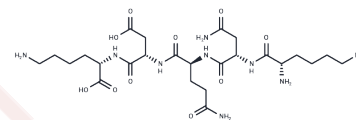


Knqdk peptide

Chemical Properties

CAS No. :	116430-79-6
Formula:	C ₂₅ H ₄₅ N ₉ O ₁₀
Molecular Weight:	631.68
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	Knqdk peptide is a synthetic pentapeptide, located in residues 112-116 of bovine K-casein.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5831 mL	7.9154 mL	15.8308 mL
5 mM	0.3166 mL	1.5831 mL	3.1662 mL
10 mM	0.1583 mL	0.7915 mL	1.5831 mL
50 mM	0.0317 mL	0.1583 mL	0.3166 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

Raha S, Dosquet C, Abgrall JF, Jolles P, Fiat AM, Caen JP. KRDS--a tetrapeptide derived from lactotransferrin--inhibits binding of monoclonal antibody against glycoprotein IIb-IIIa on ADP-stimulated platelets and megakaryocytes. *Blood*. 1988 Jul;72(1):172-8. PubMed PMID: 3291978.

Clark RT, Nance JP, Noor S, Wilson EH. T-cell production of matrix metalloproteinases and inhibition of parasite clearance by TIMP-1 during chronic *Toxoplasma* infection in the brain. *ASN Neuro*. 2011 Jan 21;3(1):e00049. doi: 10.1042/AN20100027. PubMed PMID: 21434872; PubMed Central PMCID: PMC3024837.

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