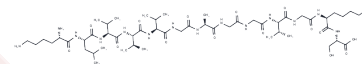


G12

Chemical Properties

CAS No. :	162550-82-5
Formula:	C52H95N15O15
Molecular Weight:	1170.422
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	G12 (Ras 5-17) is a wild-type Ras peptide comprising amino acids 5-17, specifically KLVVVGAGGVGKS, and serves as a control in studies investigating mutant Ras peptides such as V12.
Targets(IC50)	Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8544 mL	4.272 mL	8.5439 mL
5 mM	0.1709 mL	0.8544 mL	1.7088 mL
10 mM	0.0854 mL	0.4272 mL	0.8544 mL
50 mM	0.0171 mL	0.0854 mL	0.1709 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

Abrams SI, et al. Peptide-specific activation of cytolytic CD4+ T lymphocytes against tumor cells bearing mutated epitopes of K-ras p21 [published correction appears in Eur J Immunol 1995 Dec;25(12):3525]. Eur J Immunol. 1995; 25(9):2588-2597.

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