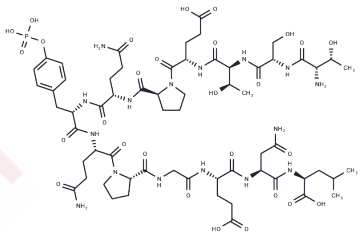
Data Sheet (Cat.No.TP2137)

TargetMol

pp60 c-src (521-533) (phosphorylated)

Chemical Properties



CAS No. : 149299-77-4

Formula: C62H95N16O28P

Molecular Weight: 1543.5

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Peptide corresponding to the pp60c-src carboxy terminal regulatory domain; phosphorylated at Tyr527. Binds to pp60c-src and pp60v-src at the SH2 domain, suppressing their tyrosine kinase activity and transforming potential.

Solubility Information

Solubility	H2O: 1 mg/mL (0.65 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6479 mL	3.2394 mL	6.4788 mL
5 mM	0.1296 mL	0.6479 mL	1.2958 mL
10 mM	0.0648 mL	0.3239 mL	0.6479 mL
50 mM	0.013 mL	0.0648 mL	0.1296 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

Harder et al (1994) Characterization and kinetic analysis of the intracellular domain of human protein tyrosine phosphatase beta (HPTP beta) using synthetic phosphopeptides. Biochem.J. 298 395 PMID: 8135747
Roussel et al (1991) Selective binding of activated pp60c-src by an immobilized synthetic phosphopeptide modeled on the carboxy terminus of pp60c-src. Proc.Natl.Acad.Sci.U.S.A. 88 10696 PMID: 1720546

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