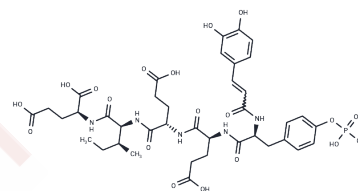


Caffeic acid-pYEEIE

Chemical Properties

CAS No. :	507471-72-9
Formula:	C39H50N5O19P
Molecular Weight:	923.82
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	Phosphopeptide ligand for the src SH2 domain (IC50 = 42 nM); displays 30-fold higher affinity than N-acetyl-O-phosphono-Tyr-Glu-Glu-Ile-Glu (Ac-pYEEIE,).
Targets(IC50)	Src

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0825 mL	5.4123 mL	10.8246 mL
5 mM	0.2165 mL	1.0825 mL	2.1649 mL
10 mM	0.1082 mL	0.5412 mL	1.0825 mL
50 mM	0.0216 mL	0.1082 mL	0.2165 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

Park et al (2002) Design and characterization of non-phosphopeptide inhibitors for src family SH2 domains. *Bioorg.Med.Chem.Lett.* 12 2711 PMID:

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