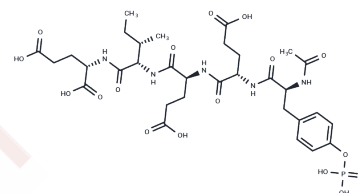


Ac-Tyr(PO₃H₂)-Glu-Glu-Ile-Glu-OH

Chemical Properties

CAS No. :	159439-02-8
Formula:	C ₃₂ H ₄₆ N ₅ O ₁₇ P
Molecular Weight:	803.71
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Phosphopeptide ligand for the src SH2 domain (IC ₅₀ = 1 μM). Blocks src interactions with EGFR and FAK.
Targets(IC ₅₀)	Src

Solubility Information

Solubility	H ₂ O: 1 mg/mL (1.24 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2442 mL	6.2211 mL	12.4423 mL
5 mM	0.2488 mL	1.2442 mL	2.4885 mL
10 mM	0.1244 mL	0.6221 mL	1.2442 mL
50 mM	0.0249 mL	0.1244 mL	0.2488 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

- Gilmer et al (1994) Peptide inhibitors of src SH₃-SH₂-phosphoprotein interactions. J.Biol.Chem. 269 31711 PMID:
 Pacofsky et al (1998) Potent dipeptide inhibitors of the pp60c-src SH₂ domain. J.Med.Chem. 41 1894 PMID:
 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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