

3X FLAG peptide

Chemical Properties

CAS No. :	402750-12-3
Formula:	C120H169N31O49S
Molecular Weight:	2861.87
Storage:	Keep away from moisture, Store at low temperature 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	3X FLAG peptide consists of three repeating Asp-Tyr-Lys-Xaa-Xaa-Asp motifs with a FLAG tag at the C-terminus of the peptide. 3X FLAG peptide can be used for protein identification and purification.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 20 mg/mL (6.99 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	0.3494 mL	1.7471 mL	3.4942 mL
5 mM	0.0699 mL	0.3494 mL	0.6988 mL
10 mM	0.0349 mL	0.1747 mL	0.3494 mL
50 mM	0.007 mL	0.0349 mL	0.0699 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

Zilio N, et al. Improved Tandem Affinity Purification Tag and Methods for Isolation of Proteins and Protein Complexes from *Schizosaccharomyces pombe*. Cold Spring Harb Protoc. 2017 Mar 1;2017(3):pdb.prot091611.

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