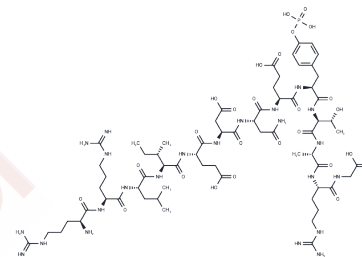


## pp60 (v-SRC) Autophosphorylation Site, Phosphorylated

## Chemical Properties

|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 176042-83-4                                                                                                                                                   |
| Formula:          | C66H110N23O26P                                                                                                                                                |
| Molecular Weight: | 1672.715                                                                                                                                                      |
| Storage:          | Keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |                                                                                                                                                                                                                                     |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | The pp60 (v-SRC) Autophosphorylation Site, Phosphorylated is a phosphorylated peptide derived from an EGFR substrate, used as a critical tool for quantifying phosphorylated substrates in the screening of EGFR Kinase inhibitors. |
| Targets(IC50) | EGFR                                                                                                                                                                                                                                |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.5978 mL | 2.9891 mL | 5.9783 mL |
| 5 mM  | 0.1196 mL | 0.5978 mL | 1.1957 mL |
| 10 mM | 0.0598 mL | 0.2989 mL | 0.5978 mL |
| 50 mM | 0.012 mL  | 0.0598 mL | 0.1196 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

Liyun Ji, et al. Quantitative mass spectrometry combined with separation and enrichment of phosphopeptides by titania coated magnetic mesoporous silica microspheres for screening of protein kinase inhibitors. 2012 Mar 6;84 (5):2284-91.

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