

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

### Chemical Properties

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| CAS No. :         | 149299-77-4                                                                         |
| Formula:          | C <sub>62</sub> H <sub>95</sub> N <sub>16</sub> O <sub>28</sub> P                   |
| Molecular Weight: | 1543.5                                                                              |
| Appearance:       | no data available                                                                   |
| Storage:          | keep away from moisture<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year |

### 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 | H <sub>2</sub> O: 1 mg/mL,<br>( $< 1$ 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.

### 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

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