Creative Enzymes®

# RR-SRC, Protein Tyrosine Kinase Substrate

*Cat. No. CSUB-0933*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | RR-SRC is a tyrosine kinase substrate. RR-SRC has commonly been used to ascertain the activity of tyrosine kinases by measuring the phosphorylation of RR-SRC in both plant and animal cells. The substrate has also been used to monitor the purification of the insulin receptor, a protein tyrosine kinase. Tyrosine phosphorylation of RR-SRC is stimulated in vitro by EGF (epidermal growth factor). |
| ***Applications*** | A tyrosine kinase substrate used to measure the activity of tyrosine kinases |
| ***Synonyms*** | Arg-Arg-Leu-Ile-Glu-Asp-Ala-Glu-Tyr-Ala-Ala-Arg-Gly |

## Product Information

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| ***Form*** | Solid |
| ***CAS No.*** | 81156-93-6 |
| ***Molecular Formula*** | C64H106N22O21 |
| ***Molecular Weight*** | 1519.66 |
| ***Solubility*** | Soluble in water (1 mg/ml - clear, colorless solution), 0.05 M acetic acid (10 mg/ml - clear, colorless solution), and 20% acetonitrile (1 mg/ml). |
| ***Substrates*** | ERK 2 |

## Storage and Shipping Information

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| ***Storage*** | Store at -20° C |