**YEEI PEPTIDE, PHOSPHORYLATED**
**Trifluoroacetate Salt**

**Product Number**  Y 4377
**Storage Temperature** –20 °C

**Product Description**
**Sequence:** Glu-Pro-Gln-Tyr(PO₃H₂)-Glu-Glu-Ile-Pro-Ile-
Tyr-Leu

**Molecular Weight:** 1474.8 (free base); 1588.8 (salt)

YEEI Peptide [(pY)EEI] is a phosphopeptide that activates Src family members by binding to their SH2 domain with high affinity.

(pY)EEI added to rabbit ear artery cells increases calcium channel currents indicating (pY)EEI-activated c-Src has a role in voltage-operated calcium channel regulation.¹ The Src subfamily of SH2 domains was included in a study of peptide binding site preferences for specific phosphopeptide sequences.² Crystal structure studies of the peptide-Src domain complex has been reported.³

**Reagent**
YEEI Peptide is supplied as a chromatographically purified, lyophilized powder.

**Vial Content:** 1 mg of peptide/vial

**Preparation Instructions**
Water soluble

**Storage/Stability**
Store at –20 °C. Stock solutions should be stored in aliquots at –20 °C.

**References**