

## Stat3 Activation Inhibitor, SPI

ALTERNATE NAME:	FISKERERAILSTKPPGTFLRRFSESSK
CATALOG #:	1813-2
AMOUNT:	2 mg
PEPTIDE SEQUENCE:	H-Phe-Ile-Ser-Lys-Glu-Arg-Glu-Arg-Ala-Ile-Leu-Ser-Thr-Lys-Pro-Pro-Gly-Thr-Phe-Leu-Leu-Arg-Phe-Ser-Glu-Ser-Ser-Lys-OH
MOLECULAR FORMULA:	C <sub>146</sub> H <sub>238</sub> N <sub>40</sub> O <sub>42</sub> .C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>
MOLECULAR WEIGHT:	3225.74.
APPEARANCE:	White lyophilized solid
SOLUBILITY:	H <sub>2</sub> O
PURITY:	≥95% by HPLC
STORAGE:	Store at -20 °C
DESCRIPTION:	Cell-permeable. A potent and selective inhibitor of Stat3 SH2 domain:pTyr interactions; also disrupts the binding of Stat3 to the IL-6R/gp130 peptide, GpYLPQTVNH <sub>2</sub> and induces antitumor effects <i>in vitro</i> .
REFERENCE:	Zhao, W., <i>et al.</i> (2010). <i>J. Biol. Chem.</i> <b>285</b> , 35855-35865.
HANDLING:	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

- CP-690550 (Cat. No. 1622-5, 25)
- Stat1 Antibody (Cat. No. 3133R-100)
- Stat2 Antibody (Cat. No. 3468R-100)
- Phospho-Stat2 Antibody (Cat. No. 3469-1000)
- Stat3 Antibody (Cat. No. 3470R-100)
- Phospho-Stat3 Antibody (Cat. No. 3474-100)
- Stat3 Inhibitor I, S3I-201 (Cat. No. 1775-5, 25)
- Stat3 Peptide Inhibitor, Cell-Permeable (Cat. No. 1778-1,5)
- Stat4 Antibody (Cat. No. 3471R-100)
- Stat5 Antibody (Cat. No. 3472-100)
- Phospho-Stat5 Antibody (Cat. No. 3475-100)
- Stat6 Antibody (Cat. No. 3473R-100)
- Phospho-Stat6 Antibody (Cat. No. 3476-100)
- Tyrphostin AG 490 (Cat. No. 1570-5)