

Product: NF- B Inhibitor, SN50

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| ALTERNATE NAME: | SN50; AAVALLPAVLLALLAPVQRKRQKLMF |
| CATALOG #: | 2506-500, 1000 |
| AMOUNT: | 500 µg, 1 mg |
| PEPTIDE SEQUENCE: | Ala-Ala-Val-Ala-Leu-Leu-Pro-Ala-Val-Leu-Leu-Ala-Leu-Leu-Ala-Pro-Val-Gln-Arg-Lys-Arg-Gln-Lys-Leu-Met-Pro-OH |
| MOLECULAR FORMULA: | C ₁₂₉ H ₂₃₀ N ₃₆ O ₂₉ S |
| MOLECULAR WEIGHT: | 2781.50 |
| CAS No. | 213546-53-3 |
| APPEARANCE: | Lyophilized solid |
| SOLUBILITY: | H ₂ O (~ 5 mg/ml) |
| PURITY: | >97% by HPLC |
| STORAGE: | Store at -20°C. Protect from air and moisture |
| DESCRIPTION: | This peptide contains the nuclear localization sequence (NLS residues 360-369) of the transcription factor NF- B p50 linked to a peptide cell-permeabilization sequence, the hydrophobic region (h-region) of the signal peptide of Kaposi fibroblast growth factor (K-FGF). SN50 inhibits translocation of the NF- B active complex into the nucleus. In mouse endothelial LE-II cells induced with LPS, inhibition of NF- B nuclear translocation was 88% at 50 µg/ml (18 µM). In human monocytic THP-1 cells induced by LPS or TNF there was 85% inhibition at 100 µg/ml. |
| REFERENCES: | Lin, Y.Z., <i>et al.</i> (1995). <i>J. Biol. Chem.</i> 270 , 14255-14258. |

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Andrographolide (Cat. No. 2389-50, 250)
BAY 11-7082 (**Cat. No. 1867-10, 50**)
Celastrol (**Cat. No. 1940-5, 25**)
Honokiol (**Cat. No. 1762-10, 50**)
ML130 (**Cat. No. 1974-5, 25**)
NSC 146109 hydrochloride (**Cat. No. 1907-5**)
Nutlin-3 (**Cat. No. 1842-1, 5**)
Parthenolide (**Cat. No. 1868-10,50**)
PDTC (**Cat. No. 1676-100**)
Rocaglamide (**Cat. No. 1863-100**)
SC-514 (**Cat. No. 2442-5, 25**)
Sauchinone (**Cat. No. 2312-1, 5**)
TPCA-1 (**Cat. No. 2431-5, 25**)
Triptolide (**Cat. No. 1761-1,5**)

FOR RESEARCH USE ONLY! Not to be used in humans.