NF-κB SN50 cell permeable inhibitory peptide

Inhibits NF-κB translocation

Sequence contains the nuclear localization sequence (NLS residues 360-369) of the transcription factor NF-κB p50 linked to a peptide cell-permeablization sequence, the hydrophobic region (h-region) of the signal peptide of Kaposi fibroblast growth factor (K-FGF). Peptide inhibits translocation of the NF-κB active complex into the nucleus. In mouse endothelial LE-II cells induced with LPS, inhibition of NF-κB nuclear translocation was 88% at 50µg/ml (18 µM). In human monocytic THP-1 cells induced by LPS or TNFα there was 85% inhibition at 100µg/ml. Sold under license from Vanderbilt University.

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BML-P600-0005	0.5mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Lyophilized solid.
CAS	213546-53-3
MW	2781.5
Purity	≥97% (HPLC)
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
Solubility	Soluble in water, 100% ethanol or 50% ethanol.

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