

Tat-IKIP (46-60) TFA

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

|               |   |
|---------------|---|
| Description   | Tat-IKIP (46-60)TFA is the trifluoroacetate salt form of Tat-IKIP (46-60), a transmembrane peptide targeting IκB kinase (IKK). It inhibits IKK activation and NF-κB target gene expression by disrupting the IKKβ/NEMO complex. Tat-IKIP (46-60) significantly alleviates DSS-induced acute inflammation in a mouse model of inflammatory bowel disease (IBD) and reduces yeast polysaccharide-induced acute arthritis in an acute arthritis model (AAM). This compound is applicable in the study of inflammatory diseases, such as IBD, pancreatitis, and rheumatoid arthritis. |
| Targets(IC50) | NF-κB   |

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