



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CMX-8933

Cat. No.:	HY-P10506
CAS No.:	146877-90-9
Molecular Formula:	C <sub>47</sub> H <sub>80</sub> N <sub>14</sub> O <sub>13</sub>
Molecular Weight:	1049.22
Sequence:	Lys-Lys-Glu-Thr-Leu-Gln-Phe-Arg
Sequence Shortening:	KKETLQFR
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

### Description

CMX-8933 is an octapeptide fragment of the goldfish brain neurotrophic factor ependymin. CMX-8933 increases the enzymatic activity of c-Jun N-terminal kinase (JNK), increases the phosphorylation of JNK and c-Jun proteins, and increases the cellular levels of c-Jun and c-Fos mRNA. CMX-8933 can be used to study the role of ependymin in neuroplasticity, learning, memory formation, and neural regeneration<sup>[1]</sup>.

## REFERENCES

[1]. Shashoua V E, et al. CMX-8933, a peptide fragment of the glycoprotein ependymin, promotes activation of AP-1 transcription factor in mouse neuroblastoma and rat cortical cell cultures[J]. Neuroscience letters, 2001, 312(2): 103-107.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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