

CHEC-7 immunomodulatory Peptide

Catalogue number: 154132

Sub-type:

Images:

Contributor

Inventor: Timothy Cunningham

Institute: Drexel University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: CHEC-7 immunomodulatory Peptide

Alternate name: Human neuroprotective polypeptide Diffusible Survival Evasion Peptide (DSEP)

Class:

Conjugate:

Description: The CHEC-7 (peptide sequence CHEASQC) peptide is modified from immunomodulatory CHEC-9 peptide by eliminating two central alanines followed by cyclization to be a more potent uncompetitive sPLA2 inhibitor. The neuroprotective/anti-inflammatory cyclic heptapeptide, CHEC-7, stimulates HSP70's disaggregase activity and is used in the study of protein aggregate disease, including age-related failures of protein repair like Alzheimer's Disease. The peptide also showed promising results in treating Autoimmune Myeloencephalitis tested in a rat model.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence: CHEASQC

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References:

CancerTools.org