



Peptide Optimization Chatbot

This tool suggests **optimized peptide sequences** for:

- **Diabetes** (GLP-1 based)
- **Obesity** (GLP-1 based)
- **Multiple Sclerosis** (glatiramer / IL-10 / IL-23 based)

Select indication:

Multiple Sclerosis

Starting peptide sequence (one-letter amino acid code):

Number of optimized candidates to show:

1

10

Backend not reachable — running local optimization (this may load model files).

Optimized candidates

Candidate 1

AAKAEKAEKAEKAAAKAEK

Score: 0.726

Explain this candidate

Candidate 2

AEKAAKAEKAEKAAAKAEK



Score: 0.726

Explain this candidate

Candidate 3

AEKAEKAAKAEKAAAKAEK

Score: 0.726

Explain this candidate

Candidate 4

AEKAEKAEKAAKAAAKAEK

Score: 0.726

Explain this candidate

Candidate 5

AEKAEKAEKAEKAAAKAAK

Score: 0.726

Explain this candidate

Backend: FastAPI + ML models trained on GLP-1, glatiramer, and IL-10/IL-23-like peptides.

