



PEPTIDE HALF-LIFE EXPLAINED

Atlanta Advanced Peptides Education Series

1

WHAT IS HALF-LIFE?

Half-life is the time it takes for the active substance of a peptide to decrease by 50% in the body.

Example: If a peptide has a 4 hour half-life, there is 50% of its active substance remaining 4 hours after administration.



2

WHY DOSING FREQUENCY MATTERS

Understanding a peptide's half-life helps determine how often it should be dosed.

Shorter half-life peptides may require more frequent dosing for maintained levels, while longer half-life peptides can be used less frequently.



3

SHORT VS LONG HALF-LIFE PEPTIDES

Short half-life examples: CJC-1295 w/o DAC: 30 min - 1hr
Ipamorelin: 1-2 hrs.



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