

DATASHEET

Version: 2016-08-18

Colivelin**Cat. No.:** RP20167**Size:** 1 mg**Alias:** Colivelin**Description:**

Colivelin is a hybrid peptide synthesized to enhance the neuroprotective effects of humanin (HN). Colivelin is constructed as activity-dependent neurotrophic factor (ADNF) C-terminally fused to AGA-(C8R) HNG17, which is a potent HN derivative. Cell death induced by overexpressed familial Alzheimer's disease (FAD)-causative genes and beta-amyloid (1-43) can be completely suppressed by colivelin. Colivelin administered intraperitoneally suppresses memory impairment and may serve as a novel drug candidate to treat Alzheimer's disease.

Sequence (one-letter code):

SALLRSIPAPAGASRLLLLTGEIDLP

Sequence (three-letter code):

{Ser}{Ala}{Leu}{Leu}{Arg}{Ser}{Ile}{Pro}{Ala}{Pro}{Ala}{Gly}{Ala}
{Ser}{Arg}{Leu}{Leu}{Leu}{Leu}{Thr}{Gly}{Glu}{Ile}{Asp}{Leu}{
Pro}

Formula: C₁₁₉H₂₀₆N₃₂O₃₅**Molecular Weight:** 2,645.1**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

