

## WAAG-3R

<b>Cat. No.:</b>	HY-P5419
<b>Molecular Formula:</b>	C <sub>69</sub> H <sub>109</sub> N <sub>23</sub> O <sub>24</sub>
<b>Molecular Weight:</b>	1645
<b>Sequence:</b>	{Abz}-Thr-Glu-Gly-Glu-Ala-Arg-Gly-Ser-Val-Ile-[Dpa]-Lys-Lys-NH <sub>2</sub>
<b>Sequence Shortening:</b>	{Abz}-TEGEARGSVI-[Dpa]-KK-NH <sub>2</sub>
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

### Description

WAAG-3R is a biological active peptide. (Aggrecanases belong to the ADAMTS (A disintegrin and metalloprotease with thrombospondin motif) family of proteases. Aggrecanases cleave aggrecan, the major structural component of cartilage. Aggrecanase-1 (ADAMTS-4) is a major aggrecanase in human osteoarthritic cartilage. This FRET peptide was used in an ADAMTS-4 (Aggrecanase-1) assay. Ex/Em = 340/420 nm.)

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

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