

## AGA-(C8R) HNG17, humanin derivative TFA

<b>Cat. No.:</b>	HY-P1851A		
<b>Molecular Formula:</b>	C <sub>80</sub> H <sub>135</sub> F <sub>3</sub> N <sub>20</sub> O <sub>26</sub>		
<b>Molecular Weight:</b>	1850.04		
<b>Sequence:</b>	Pro-Ala-Gly-Ala-Ser-Arg-Leu-Leu-Leu-Leu-Thr-Gly-Glu-Ile-Asp-Leu-Pro	PAGASRLLLLTGEIDL (TFA salt)	
<b>Sequence Shortening:</b>	PAGASRLLLLTGEIDL		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Sealed storage, away from moisture		
	Powder	-80°C	2 years
		-20°C	1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)		

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 20 mg/mL (10.81 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.5405 mL	2.7026 mL	5.4053 mL
	5 mM	0.1081 mL	0.5405 mL	1.0811 mL
	10 mM	0.0541 mL	0.2703 mL	0.5405 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

AGA-(C8R) HNG17, humanin derivative TFA is a potent humanin (HN) derivative. AGA-(C8R) HNG17, humanin derivative completely suppresses neuronal cell death by Alzheimer's disease-relevant insults<sup>[1]</sup>.

### REFERENCES

[1]. Chiba T, et al. Development of a femtomolar-acting humanin derivative named colivelin by attaching activity-dependent neurotrophic factor to its N terminus: characterization of colivelin-mediated neuroprotection against Alzheimer's disease-relevant insult

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

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