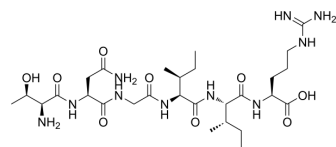


## Ovalbumin (154-159)

Cat. No.:	HY-P4279
CAS No.:	1370698-94-4
Molecular Formula:	C <sub>28</sub> H <sub>52</sub> N <sub>10</sub> O <sub>9</sub>
Molecular Weight:	672.77
Sequence:	Thr-Asn-Gly-Ile-Ile-Arg
Sequence Shortening:	TNGIIR
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ovalbumin (154-159) is a fragment from ovalbumin. Ovalbumin (154-159) is a potent angiotensin-converting enzyme (ACE) inhibitor. Ovalbumin (154-159) can be used for research of hypertension<sup>[1][2]</sup>.

### REFERENCES

- [1]. Yu Z, et, al. Anxiolytic effects of ACE inhibitory peptides on the behavior of rats in an elevated plus-maze. *Food Funct.* 2016 Jan;7(1):491-7.
- [2]. Zhi PY, et, al. Interaction mechanism of egg white- derived ACE inhibitory peptide TNGIIR with ACE and its effect on the expression of ACE and AT1 receptor. *Food Science and Human Wellness.* 2020,9(1):52-7.

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

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