

## Ovalbumins

Cat. No.:	HY-W250978		
CAS No.:	9006-59-1		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

## Ovalbumins

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : ≥ 100 mg/mL * "≥" means soluble, but saturation unknown.
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### BIOLOGICAL ACTIVITY

Description	Ovalbumins (OVA), the main protein found in egg whites, have various biological activities such as anticancer, antihypertensive, antibacterial, antioxidant and immunomodulatory activities. Ovalbumins are the most abundant proteins synthesized in progesterone- or estrogen-treated fallopian tubes and are commonly used as markers to study hormone regulation of gene expression in tissues. <sup>[1]</sup>
In Vivo	Ovalbumins (OVA) (1 mg/kg, intranasal inoculation, 6 times over 2 weeks) co-administration with (Silica nanoparticles)SNP causes significant airway hypersensitivity inflammation, resulting in total cell , macrophages, neutrophils, eosinophils, lymphocytes in the SNP/OVA female BALB/c mouse model <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- bioRxiv. 2024 Mar 27.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Heejae Han, et al. Toxic and adjuvant effects of silica nanoparticles on ovalbumin-induced allergic airway inflammation in mice. Respir Res. 2016 May 18;17(1):60.

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

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