

## Phosphodiesterase II, Bovine Spleen

Cat. No.:	HY-P2867	
CAS No.:	9068-54-6	
Target:	Phosphodiesterase (PDE)	
Pathway:	Metabolic Enzyme/Protease	Phosphodiesterase II, Bovine Spleen
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

Phosphodiesterase II (EC 3.1.16.1), namely phosphodiesterase 2, is mainly involved in the hydrolysis of the important second messengers cyclic adenosine monophosphate (cAMP) and cyclic guanosine monophosphate (cGMP), and is often used in biochemical research. Phosphodiesterase II is expressed in a variety of tissues, such as the adrenal medulla, brain, heart, platelets, macrophages and endothelial cells, and is involved in the regulation of many different intracellular processes<sup>[1]</sup>.

### REFERENCES

[1]. Chong Zhang, et al. The roles of phosphodiesterase 2 in the central nervous and peripheral systems. *Curr Pharm Des.* 2015;21(3):274-90.

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

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