

## Phospholipase D, *Streptomyces chromofuscus*

Cat. No.:	HY-P2812	
CAS No.:	9001-87-0	
Target:	Phospholipase	
Pathway:	Metabolic Enzyme/Protease	Phospholipase D, <i>Streptomyces chromofuscus</i>
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### SOLVENT & SOLUBILITY

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

Description	Phospholipase D, <i>Streptomyces chromofuscus</i> (PLD) is an enzyme of the phospholipase superfamily, which widely exists in bacteria, yeast, plants, animals and viruses, and is often used in biochemical research. Phospholipase D can catalyze the hydrolysis of phosphodiester bonds in glycerophospholipids to produce phosphatidic acid and soluble choline. Phospholipase D is involved in a variety of disease-related processes, including diabetes, atherogenesis, obesity, tumorigenesis, immune response, and neuroendocrine function <sup>[1]</sup> .
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### REFERENCES

[1]. McDermott M, et al. Phospholipase D. *Biochem Cell Biol.* 2004 Feb;82(1):225-53.

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

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