

## Esterase, pig liver

Cat. No.:	HY-P2831
CAS No.:	9016-18-6
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month

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### SOLVENT & SOLUBILITY

**In Vitro** H<sub>2</sub>O : 1.89 mg/mL (ultrasonic and adjust pH to 11 with NaOH)

### BIOLOGICAL ACTIVITY

#### Description

Esterase, pig liver (CESs), namely carboxylate hydrolases, are widely distributed in nature, commonly found in mammalian liver, and often used in biochemical research. Esterase catalyzes the hydrolysis of a variety of endogenous and exogenous substrates, including esters, thioesters, carbamates, and amides, hydrolyzing carboxylic acid esters to the corresponding alcohols and carboxylic acids<sup>[1]</sup>.

### REFERENCES

[1]. M Jason Hatfield, et al. Carboxylesterases: General detoxifying enzymes. Chem Biol Interact. 2016 Nov 25;259(Pt B):327-331.

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

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