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# Carboxypeptidase

Carboxypeptidase is a protease enzyme that hydrolyzes (cleaves) a peptide bond at the carboxy-terminal (C-terminal) end of a protein or peptide. Contrast with an aminopeptidase, which cleaves peptide bonds at the other end of the protein. Humans, animals, and plants contain several types of carboxypeptidases that have diverse functions ranging from catabolism to protein maturation. Carboxypeptidases function involved in the indigestion of food, biosynthesis of neuroendocrine peptides, blood clotting, growth factor production, wound healing, reproduction, and many other processes.

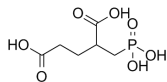
## Carboxypeptidase Inhibitors

### 2-PMPA

(2-(Phosphonomethyl)pentanedioic acid)

Cat. No.: HY-100788

2-PMPA is a potent and selective inhibitor of glutamate carboxypeptidase II (GCPII) with an  $IC_{50}$  of 300 pM.



**Purity:** >98.0%

**Clinical Data:** No Development Reported

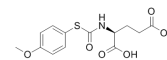
**Size:** 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

### Carboxypeptidase G2 (CPG2) Inhibitor

(CPG2 Inhibitor)

Cat. No.: HY-70003

Carboxypeptidase G2 (CPG2) Inhibitor is a novel Carboxypeptidase G2 (CPG2) Inhibitor, Antitumor agents.



**Purity:** 97.53%

**Clinical Data:** No Development Reported

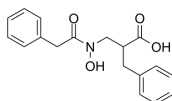
**Size:** 50 mg, 100 mg

### CPA inhibitor

(Carboxypeptidase inhibitor)

Cat. No.: HY-70005

CPA inhibitor is a potent inhibitor for carboxypeptidase A (CPA).



**Purity:** 99.90%

**Clinical Data:** No Development Reported

**Size:** 10 mM × 1 mL, 5 mg, 10 mg, 50 mg