

Carboxypeptidase G, Pseudomonas sp.

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Carboxypeptidase G, derived from Pseudomonas sp. (EC 3.4.17.11), is a lysosomal thiol-dependent protease that systematically cleaves γ -glutamylpteroyl-poly- γ -glutamate, resulting in the production of pteroyl- α -glutamate (folic acid) and free glutamate. This enzyme is highly specific for the γ -glutamyl bond but exhibits no specificity towards the C-terminal amino acid of the leaving group. Zn ²⁺ ions can activate Carboxypeptidase G.
Targets(IC50)	Carboxypeptidase

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