

O-GlyCORTAR protease

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	O-GlyCORTAR protease, recombinantly expressed from E.coli and tagged with His, is an enzyme that relies on O-glycans to cleave proteins carrying mucin-type O-glycans, including sialylated substrates and glycosylated Serine and Threonine residues at the N-terminus. This protease can process various O-glycan structures, such as sialylated core 1 and core 2 configurations, as well as the Tn antigen. Notably, O-GlyCORTAR protease does not cleave terminally modified serine or threonine residues, nor does it act on N-glycosylation sites of glycoproteins.
Targets(IC50)	Serine Protease

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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