

GCO-(GPO)10-GCOG

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture  
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	GCO-(GPO)10-GCOG is a polypeptide containing GPO repeat sequences, exhibiting a collagen-like single collagen triple-helix structure. The cross-linked triple-helix GCO-(GPO)10-GCOG can form collagen-related peptide (CRP) mimetics that closely bind Yersinia adhesin YadA. YadA mediates the adhesion of the human intestinal pathogen Yersinia enterocolitica to collagen and other extracellular matrix components, potentially disrupting host processes mediated by endogenous collagen-binding proteins. GCO-(GPO)10-GCOG is useful for studying YadA-related infections.
Targets(IC50)	Antibacterial

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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