

CotH3 peptide

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

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	The CotH3 peptide is a functional peptide unique to mucormyetes that can bind to the host GRP78 receptor, facilitating entry into endothelial cells. Monoclonal antibodies produced against the CotH3 peptide can protect immunocompromised mice from mucormycosis caused by <i>Rhizopus delemar</i> (<i>R. delemar</i>) and other mucormyetes. Additionally, the CotH3 peptide works synergistically with antifungal drugs to protect diabetic ketoacidosis (DKA) mice from <i>R. delemar</i> infections.
Targets(IC50)	Antifungal

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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