

EK1

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	EK1 is a peptide-based coronavirus (CoV) fusion inhibitor that exhibits broad-spectrum inhibitory activity against various coronaviruses. EK1 demonstrates significantly enhanced pan-coronavirus fusion inhibitory activity and effectively suppresses SARS-CoV-2. It can form a stable six-helix bundle (6HB) structure with short α -hCoV and long β -hCoV N-terminal heptad repeat sequences.
Targets(IC50)	SARS-CoV

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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