

E6AP-mimicking peptide

Chemical Properties

CAS No. :

Formula: C128H193N31O29

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	E6AP-mimicking peptide (compound 13) is a high-affinity, selective, irreversible, and potent peptide-based covalent inhibitor of the HPV16 E6 oncoprotein, utilizing a cysteine-reactive acrylamide warhead to target 16E6. The E6AP-mimicking peptide has an inhibition constant (K _i) of 17 nM and targets all residues emerging in the E6 binding pocket to disrupt the 16E6 and E6AP binding interface. It selectively binds and cross-links MBP-16E6 in PBS or protein mixtures.
Targets(IC50)	Virus Protease

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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