



Hepatitis-C Related Peptides

Product	Size	Catalog #	Product	Size	Catalog #
HCV Protease Substrate (RET S1) ¹	1 mg	22991	5A/5B Peptide (1) ²	1 mg	25338
	5 mg	22991-5		5 mg	24494
RET S1 Hydrolysis Product 1 ¹	1 mg	25334	5A/5B Peptide (2)	1 mg	25048
RET S1 Hydrolysis Product 2 ¹	1 mg	25132-1		5 mg	25049
	5 mg	25132-5	5A/5B Peptide (3)	1 mg	25050
KK4A ²	1 mg	25335		5 mg	25051
	5 mg	24491	5A/5B Peptide (4)	1 mg	25052
Pep 4A ³	1 mg	25336		5 mg	25053
	5 mg	24492	Ac-5A/5B Peptide ²	1 mg	25339
Pep 4AK ³	1 mg	25337		5 mg	24482
	5 mg	24493	Hepatitis Virus C NS3 Protease	1 mg	25345
4A/4B Peptide (1) ²	1 mg	25340	Inhibitor 1 ⁴	5 mg	24488
	5 mg	24483	Hepatitis Virus C NS3 Protease	1 mg	25346
4A/4B Peptide (2) ⁴	1 mg	25341	Inhibitor 2 ⁴	5 mg	24489
	5 mg	24484	Hepatitis Virus C NS3 Protease	1 mg	25347
4A/4B Peptide (3) ⁴	1 mg	25342	Inhibitor 3 ⁴	5 mg	24490
	5 mg	24485	Hepatitis Virus C NS3 Protease	1 mg	25348
4A/4B, 5A/5B Peptide ⁵	1 mg	25344	Inhibitor 4 ⁴	5 mg	24495
	5 mg	24487	EFDEMEECASHLPYI ⁶	1 mg	24199
4B/5A Peptide ²	1 mg	25343		5 mg	24411
	5 mg	24486			
5A-pNA ²	1 mg	25117			
	5 mg	25118			

Application Note:

The Hepatitis-C Virus (HCV) causes acute and chronic inflammation in the liver and establishes an infection that can persist for decades which eventually leads to cirrhosis, liver failure, and liver cancer. Approximately 3.9 million Americans may be infected with HCV. With no vaccine available to prevent the Hepatitis-C infection, the magnitude of the epidemic and the lack of effective treatments have spurred a major race to develop useful drugs. Drug companies are currently focusing on the Hepatitis Virus C NS3 Protease, a protease that plays an essential role for HCV replication, similar to that of HIV Protease in HIV replication. However, the Hepatitis Virus C NS3 Protease differs from the HIV Protease in that it is a serine protease which in Hepatitis-C has been ascribed to the NSV3 protein in concert with the NSV4 cofactor.

References:

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