Data Sheet (Cat.No.TP1149)



HIV-1 Rev (34-50)

Chemical Proper	ties
CAS No. :	141237-50-5
Formula:	C97H173N51024
Molecular Weight:	2437.74
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description	
Description	HIV-1 Rev (34-50) (HIV-1 rev Protein (34-50)) is a 17 amino acid peptide with anti-HIV-1 activity. HIV-1 Rev (34-50) is derived from the Rev-responsive element-binding domains of Rev in HIV-1.
Targets(IC50)	HIV Protease
In vitro	HIV-1 Rev (34-50) is a 17-aa peptide derived from the Rev-responsive element (RRE)- binding domains of Rev in HIV-1 that exerted anti-HIV-1 activity[1].

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	0.4102 mL	2.0511 mL	4.1022 mL	
5 mM	0.082 mL	0.4102 mL	0.8204 mL	
10 mM	0.041 mL	0.2051 mL	0.4102 mL	
50 mM	0.0082 mL	0.041 mL	0.082 mL	

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Shimane K, et al. Rev-derived peptides inhibit HIV-1 replication by antagonism of Rev and a co-receptor, CXCR4. Int J Biochem Cell Biol. 2010 Sep;42(9):1482-8.

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