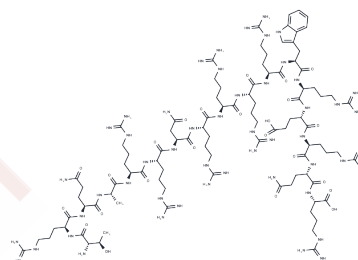


HIV-1 Rev (34-50)

Chemical Properties

CAS No. :	141237-50-5
Formula:	C97H173N51O24
Molecular Weight:	2437.74
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



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, derived from the Rev-responsive element-binding domains of Rev in HIV-1.
Targets(IC50)	HIV Protease
In vitro	The 17-aa peptide HIV-1 Rev (34-50), derived from the Rev-responsive element (RRE)-binding domains of HIV-1 Rev, exhibits 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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