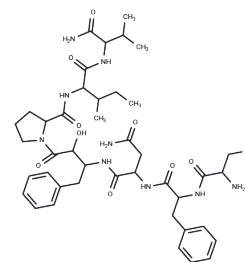


KNI 122

## Chemical Properties

CAS No. : 138228-18-9  
 Formula: C42H61N9O10  
 Molecular Weight: 852.003  
 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	KNI 122 is a heptapeptide analog.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1737 mL	5.8685 mL	11.7371 mL
5 mM	0.2347 mL	1.1737 mL	2.3474 mL
10 mM	0.1174 mL	0.5869 mL	1.1737 mL
50 mM	0.0235 mL	0.1174 mL	0.2347 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

- Strutynska NY, Zatonovsky IV, Baumer VN, Ogorodnyk IV, Slobodyanik NS. KNi(0.93)Fe(II)(0.07)Fe(III)(PO4)2: a new type of structure for a compound of composition M(I)M(II)M(III)(PO4)2. Acta Crystallogr C Struct Chem. 2014 Feb;70 (Pt 2):160-4. doi: 10.1107/S2053229614000679. Epub 2014 Jan 31. PubMed PMID: 24508960.
- Kiryama A, Nishiura T, Yamaji H, Takada K. Physiologically based pharmacokinetics of KNI-272, a tripeptide HIV-1 protease inhibitor. Biopharm Drug Dispos. 1999 May;20(4):199-205. PubMed PMID: 10440795.
- Goto T, Nakano T, Kohno T, Morimatsu S, Morita C, Hong W, Kiso Y, Nakai M, Sano K. Targets of a protease inhibitor, KNI-272, in HIV-1-infected cells. J Med Virol. 2001 Mar;63(3):203-9. PubMed PMID: 11170058.
- Kiryama A, Nishiura T, Yamaji H, Takada K. Metabolic characterization of a tripeptide human immunodeficiency virus type 1 protease inhibitor, KNI-272, in rat liver microsomes. Antimicrob Agents Chemother. 1999 Mar;43(3): 549-56. PubMed PMID: 10049266; PubMed Central PMCID: PMC89159.

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