

KKI-5 TFA(97145-43-2 free base)

## Chemical Properties

CAS No. :

Formula: C37H56F3N11O11

Molecular Weight: 887.9

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	KKI-5 (TFA) is a specific tissue kallikrein inhibitor.Kki-5 (TFA) can reduce breast cancer cell infiltration.
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## Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1263 mL	5.6313 mL	11.2625 mL
5 mM	0.2253 mL	1.1263 mL	2.2525 mL
10 mM	0.1126 mL	0.5631 mL	1.1263 mL
50 mM	0.0225 mL	0.1126 mL	0.2253 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

Deshpande MS, et al. Mapping the binding site of tissue kallikrein: preparation and testing of all possible substrate analog inhibitors homologous with the sequence of kininogen between Ser386 and Gln392. J Med Chem. 1992 Aug 21;35(17):3094-102.

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