



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

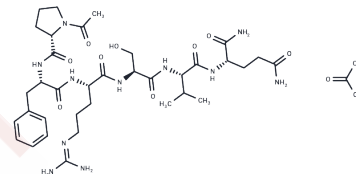
Chemical Properties

CAS No. :

Formula: C37H59N11O11

Molecular Weight: 833.95

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	KKI-5 acetate is a serine protease inhibitor that inhibits kallikrein and plasmin. KKI 5 may exhibit anticancer chemotherapeutic benefit and may also be used as a treatment for angioedema.
Targets(IC50)	Serine Protease
In vitro	The KKI-5 Peptide corresponds to aa386-391 of bovine kininogen-1 that encompasses the aa388-389 kallikrein proteolytic site. The synthetic KKI-5 can attenuate breast cancer cell invasion, therefore it is investigated for its role in invasion and metastasis of cancer cells.

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1991 mL	5.9956 mL	11.9911 mL
5 mM	0.2398 mL	1.1991 mL	2.3982 mL
10 mM	0.1199 mL	0.5996 mL	1.1991 mL
50 mM	0.024 mL	0.1199 mL	0.2398 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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