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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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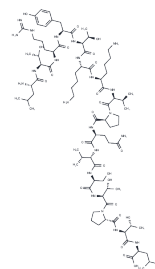
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EPI-X4

Chemical Properties

CAS No. :	930280-31-2
Formula:	C84H144N22O23
Molecular Weight:	1830.18
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	EPI-X4 (hSA408-423 peptide), with an IC ₅₀ of 8.6 μM, serves as an antagonist for the C-X-C motif chemokine receptor 4 (CXCR4). It inhibits CXCL12-mediated signaling and reduces chemokine-driven migration and invasion of leukemia cells. Furthermore, it demonstrates anti-inflammatory effects in a mouse model and possesses antiviral properties against CXCR4-tropic HIV, maintaining the same IC ₅₀ .
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5464 mL	2.732 mL	5.4639 mL
5 mM	0.1093 mL	0.5464 mL	1.0928 mL
10 mM	0.0546 mL	0.2732 mL	0.5464 mL
50 mM	0.0109 mL	0.0546 mL	0.1093 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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