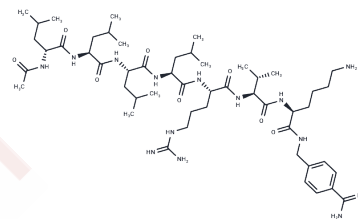


PACE4 Inhibitory peptide C23

Chemical Properties

CAS No. :	1426656-94-1
Formula:	C51H90N14O8
Molecular Weight:	1027.35
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	PACE4 Inhibitory peptide C23 (Compound C23) is an effective peptidomimetic inhibitor known to act against PACE4. It exhibits antiproliferative effects on PCa cell lines, with a K_i of 5 nM, and IC_{50} values of 25 μ M and 40 μ M for DU145 and LNCaP cells, respectively. Additionally, PACE4 Inhibitory peptide C23 suppresses tumor growth in LNCaP xenograft mice.
Targets(IC_{50})	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9734 mL	4.8669 mL	9.7338 mL
5 mM	0.1947 mL	0.9734 mL	1.9468 mL
10 mM	0.0973 mL	0.4867 mL	0.9734 mL
50 mM	0.0195 mL	0.0973 mL	0.1947 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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