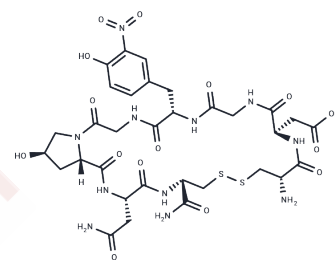


LXY3

Chemical Properties

CAS No. : 1095009-44-1
 Formula: C32H43N11O15S2
 Molecular Weight: 885.88
 Storage: Keep away from moisture
 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	LXY3 (LXY2) is a VLA-3 blocking peptide that inhibits the interaction of neutrophil surface integrin $\alpha 3\beta 1$ (VLA-3) with laminin in the basement membrane, thereby preventing neutrophil migration across the tumor vascular basement membrane barrier. LXY3 is employed to block the neutrophil-mediated release of nanoparticles from the perivascular pool into the tumor stroma and is frequently used for targeted imaging in breast cancer.
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1288 mL	5.6441 mL	11.2882 mL
5 mM	0.2258 mL	1.1288 mL	2.2576 mL
10 mM	0.1129 mL	0.5644 mL	1.1288 mL
50 mM	0.0226 mL	0.1129 mL	0.2258 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481