

WYRGRL

Chemical Properties

CAS No. : 1021155-39-4

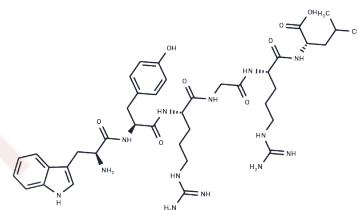
Formula: C40H59N13O8

Molecular Weight: 849.98

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	WYRGRL is a peptide that targets collagen II $\alpha 1$ (collagen II $\alpha 1$) through binding interaction. This short chondro-targeting peptide sequence enhances the targeting efficiency of peptide-functionalized nanoplatforms for cartilage in vivo, increasing it by approximately 72 times.
Targets(IC50)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1765 mL	5.8825 mL	11.765 mL
5 mM	0.2353 mL	1.1765 mL	2.353 mL
10 mM	0.1176 mL	0.5882 mL	1.1765 mL
50 mM	0.0235 mL	0.1176 mL	0.2353 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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