

## YIGSR-Lys(N3)

## Chemical Properties

CAS No. : 2415188-59-7

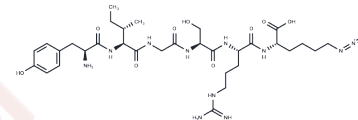
Formula: C32H52N12O9

Molecular Weight: 748.83

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	YIGSR-Lys(N3) is a peptide that inhibits the tumor growth and metastasis of leukemia cells. This compound interferes with the interaction between cells and laminin I by blocking a 67 kDa laminin-binding protein, thereby reducing shear-induced eNOS expression in laminin cells. As a click chemistry reagent, YIGSR-Lys(N3) contains an azide group that undergoes copper-catalyzed azide-alkyne cycloaddition (CuAAC) with alkynyl-containing molecules. Additionally, it can engage in strain-promoted azide-alkyne cycloaddition (SPAAC) reactions with molecules bearing DBCO or BCN groups.
Targets(IC50)	NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3354 mL	6.6771 mL	13.3542 mL
5 mM	0.2671 mL	1.3354 mL	2.6708 mL
10 mM	0.1335 mL	0.6677 mL	1.3354 mL
50 mM	0.0267 mL	0.1335 mL	0.2671 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

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

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481