

HYNIC-UBI29-41

## Chemical Properties

CAS No. : 1186217-15-1

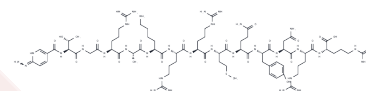
Formula: C74H126N34O19S

Molecular Weight: 1828.07

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	HYNIC-UBI29-41 is composed of the bifunctional chelator HYNIC and the antimicrobial peptide UBI 29-41. It retains the antimicrobial properties of UBI 29-41, showing strong affinity for both Gram-positive and Gram-negative bacteria. When labeled with the radioactive element Technetium (99mTc), HYNIC-UBI29-41 can be used as an imaging agent for detecting bacterial infections in mouse models.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.547 mL	2.7351 mL	5.4703 mL
5 mM	0.1094 mL	0.547 mL	1.0941 mL
10 mM	0.0547 mL	0.2735 mL	0.547 mL
50 mM	0.0109 mL	0.0547 mL	0.1094 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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