

Tet-20

Chemical Properties

CAS No. : 1299291-79-4

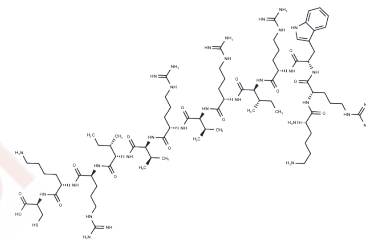
Formula: C78H141N31O14S

Molecular Weight: 1769.22

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	Tet-20, a synthetic cathelicidin-derived peptide with biological activity, has been evaluated for its efficacy as an infection-resistant coating on medical devices. Upon surface tethering to implants, Tet-20 demonstrates broad-spectrum antimicrobial properties, inhibits biofilm formation, and maintains non-toxicity to eukaryotic cells both in vitro and in vivo.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5652 mL	2.8261 mL	5.6522 mL
5 mM	0.113 mL	0.5652 mL	1.1304 mL
10 mM	0.0565 mL	0.2826 mL	0.5652 mL
50 mM	0.0113 mL	0.0565 mL	0.113 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