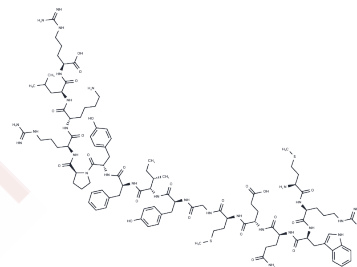


## MOTS-c

## Chemical Properties

CAS No. :	1627580-64-6
Formula:	C101H152N28O22S2
Molecular Weight:	2174.6
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	MOTS-c is a mitochondria-derived polypeptide (MDP) that has anti-damage and anti-inflammatory effects by activating the AMPK pathway and inhibiting the MAP kinase-c-fos signaling pathway.
Targets(IC50)	Apoptosis,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4599 mL	2.2993 mL	4.5985 mL
5 mM	0.092 mL	0.4599 mL	0.9197 mL
10 mM	0.046 mL	0.2299 mL	0.4599 mL
50 mM	0.0092 mL	0.046 mL	0.092 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.

## Reference

Yin X, et al. Eur J Pharmacol. 2020 Mar 5;870:172909.

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