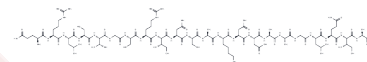


## Flagelin 22

## Chemical Properties

CAS No. :	304642-91-9
Formula:	C93H162N32O34
Molecular Weight:	2272.48
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	Flagelin 22, a bacterial flagellin fragment, serves as a potent elicitor for plants and algae.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.440 mL	2.2002 mL	4.4005 mL
5 mM	0.088 mL	0.440 mL	0.8801 mL
10 mM	0.044 mL	0.220 mL	0.440 mL
50 mM	0.0088 mL	0.044 mL	0.088 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

Bojun Lu, et al. Defense responses in female gametophytes of *Saccharina japonica* (Phaeophyta) induced by flg22-derived peptides. *Journal of Applied Phycology* (2016), 28(3), 1793-1801.

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