

Flagelin 22 acetate

Chemical Properties

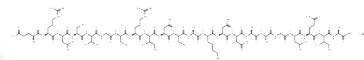
CAS No. :

Formula: C95H166N32O36

Molecular Weight: 2332.56

Storage: Keep away from moisture, Store at low temperature
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	Flagelin 22 acetate is part of the bacterial flagellin family and is an effective inducer in plants and algae.
Targets(IC50)	Others
In vitro	Flagelin 22 (1 μ M) significantly induce growth inhibition of the algae at a concentration of 1 μ M.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4287 mL	2.1436 mL	4.2871 mL
5 mM	0.0857 mL	0.4287 mL	0.8574 mL
10 mM	0.0429 mL	0.2144 mL	0.4287 mL
50 mM	0.0086 mL	0.0429 mL	0.0857 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

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

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