

Flagelin 22 TFA (304642-91-9 free base)

Chemical Properties

CAS No. :

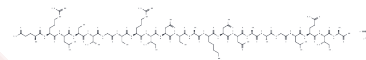
Formula: C95H163F3O36N32

Molecular Weight: 2386.53

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

Flagelin 22 TFA (Flagellin 22 TFA), a fragment of bacterial flagellin, is an effective elicitor in both plants and algae.

Solubility Information

Solubility

H2O: 50 mg/mL (20.95 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.419 mL	2.0951 mL	4.1902 mL
5 mM	0.0838 mL	0.419 mL	0.838 mL
10 mM	0.0419 mL	0.2095 mL	0.419 mL
50 mM	0.0084 mL	0.0419 mL	0.0838 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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