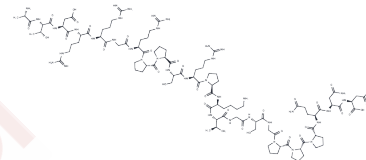


## REF1 peptide

## Chemical Properties

CAS No. :	1198397-79-3
Formula:	C101H169N39O32
Molecular Weight:	2441.67
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	REF1 peptide is a plant-inducing peptide that acts as a local wound signal to enhance plant regeneration. It is perceived by the receptor PORK1, and the REF1-PORK1-mediated signaling facilitates regeneration by activating the key transcription factor WIND1. This peptide is valuable for studies on the regeneration and transformation of recalcitrant crops.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4096 mL	2.0478 mL	4.0956 mL
5 mM	0.0819 mL	0.4096 mL	0.8191 mL
10 mM	0.041 mL	0.2048 mL	0.4096 mL
50 mM	0.0082 mL	0.041 mL	0.0819 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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