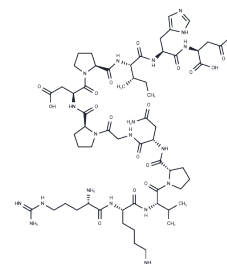


CLE25 Peptide

Chemical Properties

CAS No. :	911319-15-8
Formula:	C ₅₈ H ₉₄ N ₂₀ O ₁₇
Molecular Weight:	1343.49
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	CLE25 peptide moves from the roots to the leaves, where it regulates the expression of NCED3 in conjunction with receptor-like kinases BAM1 and BAM3. By modulating the accumulation of abscisic acid, CLE25 peptide induces stomatal closure, thereby enhancing drought stress tolerance.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7443 mL	3.7217 mL	7.4433 mL
5 mM	0.1489 mL	0.7443 mL	1.4887 mL
10 mM	0.0744 mL	0.3722 mL	0.7443 mL
50 mM	0.0149 mL	0.0744 mL	0.1489 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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