



## Calcineurin SubstRate

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The 19-peptide DLDVPIPGRFDRRVSVAE is a fragment of the RII subunit of the cAMP-dependent protein kinase. It is successfully used in a nonradioactive assay in which both phosphorylation by protein kinase and dephosphorylation by protein phosphatase 2B (calcineurin) are monitored by the simultaneous quantitative determination of phosphorylated and non-phosphorylated peptide using HPLC on an RP18 column with UV detection. This method allows the measurement of enzyme kinetics as well as the characterization of novel inhibitors.

Catalog No.	5991135
Size	
Product Category	Catalog Peptide
Sequence	Asp-Leu-Asp-Val-Pro-Ile-Pro-Gly-Arg-Phe-Asp-Arg-Arg-Val-Ser-Val-Ala-Ala-Glu
CAS No.	113873-67-9
Mol. Formula	C <sub>92</sub> H <sub>150</sub> N <sub>28</sub> O <sub>29</sub>
Mol. Weight	2112.4
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs