

[pThr3]-CDK5 Substrate (TFA)

Cat. No.:	HY-P1906A
Molecular Formula:	C ₅₅ H ₁₀₁ F ₃ N ₁₅ O ₁₇ P
Molecular Weight:	1332.45
Sequence:	{Pro}{Lys}{pTHR}{Pro}{Lys}{Lys}{Ala}{Lys}{Lys}{Leu}
Sequence Shortening:	PK-{pTHR}-PKKAKKL
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description

[pThr3]-CDK5 Substrate TFA is an effective Phospho-Thr3CDK5 Substrate. [pThr3]-CDK5 Substrate is derived from the sequence of the histone H1 peptide that docks in the active site of CDK5. [pThr3]-CDK5 Substrate is phosphorylated by CDK5 with a K_m value of 6 μM ^[1].

REFERENCES

[1]. Beaudette KN, et al. Substrate specificity characterization of a cdc2-like protein kinase purified from bovine brain. J Biol Chem. 1993 Oct 5;268(28):20825-30.

Caution: Product has not been fully validated for medical applications. For research use only.

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