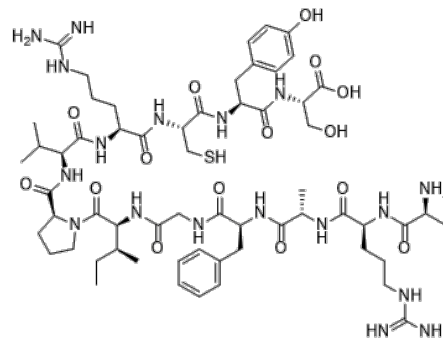


Product Name : Cdk5i peptide
Cat. No. : PC-20494
CAS No. : 2298317-00-5
Molecular Formula : C₆₀H₉₄N₁₈O₁₅S
Molecular Weight : 1339.58
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Sequence: Ala-Arg-Ala-Phe-Gly-Ile-Pro-Val-Arg-Cys-Tyr-Ser

CAS: 2298317-00-5

Biological Activity

Cdk5i peptide is a Cdk5-derived 12-amino acid long Cdk5-derived peptide that interferes with the **Cdk5/p25** complex with Kd of 0.17 μ M, 40-fold more strongly to either Cdk5 or Cdk2 alone. Cdk5i peptide ameliorates neurodegenerative phenotypes in cell and mouse models of Cdk5 hyperactivity.

References

Ping-Chieh Pao, et al. *Proc Natl Acad Sci U S A*. 2023 Apr 18;120(16):e2217864120.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com