

p60c-src Substrate

Cat. No.:	HY-P3743
CAS No.:	165190-42-1
Molecular Formula:	C ₄₄ H ₆₀ N ₈ O ₁₁
Molecular Weight:	876.99
Sequence Shortening:	YIYGSKF
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	p60c-src Substrate is an efficient and specific substrate for p60c-src protein tyrosine kinase (PTK). p60c-src Substrate can be used to synthesize chimeric branched peptides ^{[1][2]} .
In Vitro	p60c-src Substrate (0-200 μM) can be used as peptide substrate ^[1] . (PhPP)-peptide conjugates were synthesized using PhPP as an ATP mimic and p60c-src Substrate (YIYGSKF) as a peptide substrate to improve the inhibitory potency against active c-Src kinase ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lou Q, et al. Potent pseudosubstrate-based peptide inhibitors for p60(c-src) protein tyrosine kinase. *Cancer Res.* 1997 May 15;57(10):1877-81.
- [2]. Kumar A, et al. Synthesis and evaluation of 3-phenylpyrazolo[3,4-d]pyrimidine-peptide conjugates as Src kinase inhibitors. *ChemMedChem.* 2007 Sep;2(9):1346-60.

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

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