

## ZIP

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Cat. No.:	HY-P1284
CAS No.:	863987-12-6
Molecular Formula:	C <sub>90</sub> H <sub>154</sub> N <sub>30</sub> O <sub>17</sub>
Molecular Weight:	1928.38
Sequence Shortening:	{Myr-Ser}-IYRRGARRWRKL
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the COA.

### BIOLOGICAL ACTIVITY

Description	ZIP is a selective peptide inhibitor of PKM $\zeta$ . ZIP injections can block the impairment in morphine conditioned place preference induced <sup>[1]</sup> .
IC <sub>50</sub> & Target	PKM $\zeta$ <sup>[1]</sup>

### REFERENCES

[1]. Li Y, et, al. Inhibition of PKMzeta in nucleus accumbens core abolishes long-term drug reward memory. J Neurosci. 2011 Apr 6;31(14):5436-46.

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

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