

## FRATtide

Cat. No.:	HY-107528
CAS No.:	251087-38-4
Molecular Formula:	C <sub>192</sub> H <sub>327</sub> N <sub>67</sub> O <sub>60</sub>
Molecular Weight:	4534.06
Sequence:	Ser-Gln-Pro-Glu-Thr-Arg-Thr-Gly-Asp-Asp-Asp-Pro-His-Arg-Leu-Leu-Gln-Gln-Leu-Val-L eu-Ser-Gly-Asn-Leu-Ile-Lys-Glu-Ala-Val-Arg-Arg-Leu-His-Ser-Arg-Arg-Leu-Gln
Sequence Shortening:	SQPETRTGDDDPHRLQLVLSGNLIKEAVRRLHSRRLQ
Target:	β-catenin; GSK-3
Pathway:	Stem Cell/Wnt; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

Description	FRATtide is a peptide derived from the GSK-3 binding protein that inhibits the phosphorylation of Axin and β-catenin. FRATtide inhibits GSK-3 binding to Axin <sup>[1]</sup> .
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## REFERENCES

[1]. Bax B, et al. The structure of phosphorylated GSK-3beta complexed with a peptide, FRATtide, that inhibits beta-catenin phosphorylation. Structure. 2001 Dec;9(12):1143-52.

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

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