

## Octreotide dimer (parallel)

Cat. No.:	HY-P4957
CAS No.:	1926163-80-5
Molecular Formula:	C <sub>98</sub> H <sub>132</sub> N <sub>20</sub> O <sub>20</sub> S <sub>4</sub>
Molecular Weight:	2038.48
Sequence:	{{d-Phe}-Cys-Phe-{d-Trp}-Lys-Thr-Cys-{L-threoninol}} <sub>2</sub> (Disulfide bond: Cys2A-Cys2B; Cys7A-Cys7B)
Sequence Shortening:	{{d-Phe}-CF-{d-Trp}-KTC-{L-threoninol}} <sub>2</sub> (Disulfide bond: Cys2A-Cys2B; Cys7A-Cys7B)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Octreotide dimer parallel is a dimer parallel of Octreotide. Octreotide (HY-P0036) is a somatostatin receptor agonist and synthetic octapeptide endogenous somatostatin analogue<sup>[1][2]</sup>.

### REFERENCES

[1]. D. V. Avdeev, et al. Optimal Method for Disulfide Bond Closure in the Synthesis of Atosiban—Antagonist of Oxytocin Receptors. Russian Journal of Bioorganic Chemistry volume 47, pages1241–1248 (2021)

[2]. Wang XX, et al. Effects of octreotide on hepatic glycogenesis in rats with high fat diet?induced obesity. Mol Med Rep. 2017 Jul;16(1):109-118

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

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