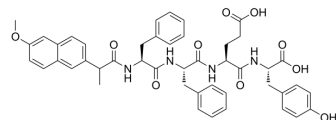


## KN-17

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-162346   |
| Molecular Formula: | C <sub>46</sub> H <sub>48</sub> N <sub>4</sub> O <sub>10</sub>                            |
| Molecular Weight:  | 816.89  |
| Target:            | Bacterial   |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

KN-17 is a modified based on the structure of cecropin B (HY-P0092), can effectively interfere with bacterial growth and induce the migration of human bone marrow stromal cells (hBMSCs). KN-17 can significantly stimulate angiogenesis in vitro and in vivo<sup>[1]</sup>.

### REFERENCES

[1]. Zhao B, et al. Peptide KN-17-Loaded Supramolecular Hydrogel Induces the Regeneration of the Pulp-Dentin Complex. ACS Biomater Sci Eng. 2024 Mar 6.

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

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