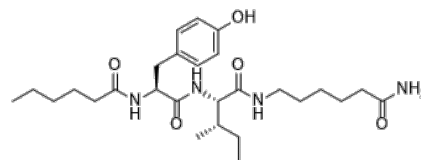


**Product Name** : Dihexa  
**Cat. No.** : PC-23261  
**CAS No.** : 1401708-83-5  
**Molecular Formula** : C<sub>27</sub>H<sub>44</sub>N<sub>4</sub>O<sub>5</sub>  
**Molecular Weight** : 504.67  
**Target** : c-Met (HGFR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Dihexa (PNB-0408, Hexanoyl-Tyr-Ile-Ahx-NH<sub>2</sub>) is an oligopeptide drug, orally active and blood-brain barrier-permeable angiotensin IV analog, binds to hepatocyte growth factor (HGF) with high affinity (K<sub>d</sub>=65 pM) and potentiates its activity at its receptor c-Met.

Dihexa exhibits excellent antedementia activity and improves cognitive function in animal models.

Dihexa exhibits excellent antedementia activity in the scopolamine and aged rat models and marked synaptogenic activity.

## References

Benoist CC, et al. J Pharmacol Exp Ther. 2014 Nov;351(2):390-402.

McCoy AT, et al. J Pharmacol Exp Ther. 2013 Jan;344(1):141-54.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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