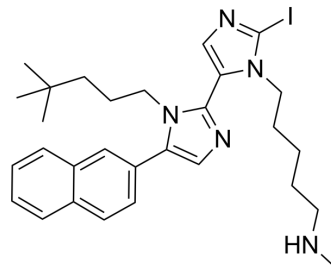


## Dim16

Cat. No.:	HY-149310
CAS No.:	2743448-32-8
Molecular Formula:	C <sub>29</sub> H <sub>38</sub> IN <sub>5</sub>
Molecular Weight:	583.55
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Dim16 is a dual PCSK9/HMG-CoAR inhibitor, with an IC <sub>50</sub> value of 19 nM for PCSK9. Dim16 inhibits PCSK9-LDLR binding with an IC <sub>50</sub> value of 0.8 nM. Dim16 increases LDL uptake in HepG2 cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	19 nM (PCSK9) <sup>[1]</sup>

### REFERENCES

[1]. Lammi C, et al. Computational Design, Synthesis, and Biological Evaluation of Diimidazole Analogues Endowed with Dual PCSK9/HMG-CoAR-Inhibiting Activity. J Med Chem. 2023 Jun 22;66(12):7943-7958.

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

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