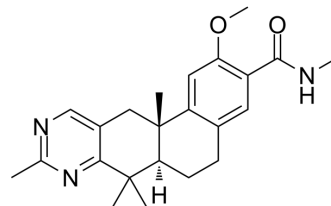


## SH379

Cat. No.:	HY-143656
CAS No.:	2511665-40-8
Molecular Formula:	C <sub>23</sub> H <sub>29</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	379.5
Target:	Autophagy
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

SH379 is the derivative of 2-methylpyrimidine-fused tricyclic diterpene. SH379 is a potent and orally active anti-late-onset hypogonadism agent. SH379 significantly promotes the expression of the key testosterone synthesis-related enzymes StAR and 3 $\beta$ -HSD. SH379 stimulates autophagy through regulating AMPK/mTOR signaling pathway<sup>[1]</sup>.

## REFERENCES

[1]. Bai J, et al. Synthesis and biological evaluation of methylpyrimidine-fused tricyclic diterpene analogs as novel oral anti-late-onset hypogonadism agents. *Eur J Med Chem.* 2019;176:21-40.

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

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