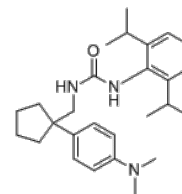


**Product Name** : ATR-101 free base  
**Cat. No.** : PC-35460  
**CAS No.** : 133825-80-6  
**Molecular Formula** : C<sub>27</sub>H<sub>39</sub>N<sub>3</sub>O  
**Molecular Weight** : 421.629  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

ATR-101 (PD-132301, Nevanimibe) is a selective and potent inhibitor of **ACAT1** with IC<sub>50</sub> of 52 nM.

ATR-101 induces H295R cell apoptosis, causes mitochondrial hyperpolarization, reactive oxygen release, and ATP depletion, caspase-3/7 activation, and membrane permeabilization.

ATR-101 decreases the formation of cholesteryl esters and increases FC levels in H295R adrenocortical carcinoma cells.

ATR-101 inhibits the establishment and impedes the growth of ACC-derived H295R cell xenografts in mice; orally active.

## References

LaPensee CR, et al. *Endocrinology*. 2016 May;157(5):1775-88.

Trivedi BK, et al. *J Med Chem*. 1994 May 27;37(11):1652-9.

Cheng Y, et al. *Endocr Relat Cancer*. 2016 Apr;23(4):1-19.

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

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