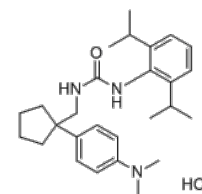


Product Name : ATR-101
Cat. No. : PC-70112
CAS No. : 133825-81-7
Molecular Formula : C₂₇H₄₀ClN₃O
Molecular Weight : 458.09
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

ATR-101 (PD-132301, Nevanimibe) is a selective and potent inhibitor of **ACAT1** with IC₅₀ of 52 nM.

ATR-101 (PD-132301, Nevanimibe) induces H295R cell apoptosis, causes mitochondrial hyperpolarization, reactive oxygen release, and ATP depletion, caspase-3/7 activation, and membrane permeabilization.

ATR-101 (PD-132301, Nevanimibe) decreases the formation of cholesteryl esters and increases FC levels in H295R adrenocortical carcinoma cells.

ATR-101 (PD-132301, Nevanimibe) inhibits the establishment and impedes the growth of ACC-derived H295R cell xenografts in mice; orally active.

References

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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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