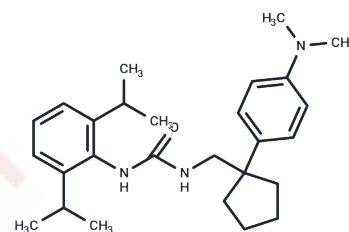


## Nevanimibe

## Chemical Properties

CAS No. :	133825-80-6
Formula:	C <sub>27</sub> H <sub>39</sub> N <sub>3</sub> O
Molecular Weight:	421.62
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Nevanimibe is an orally active and selective inhibitor of acyl-coenzyme A:cholesterol O-acyltransferase 1 (ACAT1) (EC50 of 9 nM).
Targets(IC50)	Apoptosis,Others,Acyltransferase
In vitro	In H295R human adrenocortical carcinoma cells, Nevanimibe(ATR-101) decreases the formation of cholesteryl esters and increases FC levels, demonstrating potent inhibition of ACAT1 activity.?Caspase-3/7 levels and terminal deoxynucleotidyl transferase 2'-deoxyuridine 5'-triphosphate nick end labeled-positive cells are increased by ATR-101 treatment, indicating activation of apoptosis[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3718 mL	11.859 mL	23.718 mL
5 mM	0.4744 mL	2.3718 mL	4.7436 mL
10 mM	0.2372 mL	1.1859 mL	2.3718 mL
50 mM	0.0474 mL	0.2372 mL	0.4744 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

LaPensee CR, et al. ATR-101, a Selective and Potent Inhibitor of Acyl-CoA Acyltransferase 1, Induces Apoptosis in H295R Adrenocortical Cells and in the Adrenal Cortex of Dogs. *Endocrinology*. 2016 May;157(5):1775-88.

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