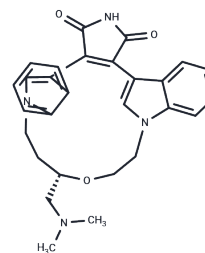


## Ruboxistaurin

## Chemical Properties

CAS No. :	169939-94-0
Formula:	C <sub>28</sub> H <sub>28</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	468.55
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	Ruboxistaurin (LY333531) is a selective, orally active PKC beta inhibitor with a Ki value of 2 nM. Ruboxistaurin competitively inhibits PKC beta I (IC <sub>50</sub> : 4.7 nM) in an ATP-dependent manner. Ruboxistaurin is able to act on PKC beta II (IC <sub>50</sub> : 5.9 nM).
Targets(IC <sub>50</sub> )	Others,PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1342 mL	10.6712 mL	21.3424 mL
5 mM	0.4268 mL	2.1342 mL	4.2685 mL
10 mM	0.2134 mL	1.0671 mL	2.1342 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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