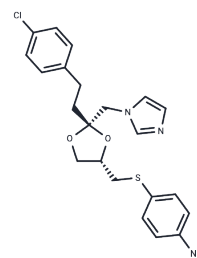


## Azalanstat

## Chemical Properties

CAS No. :	143393-27-5
Formula:	C <sub>22</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	429.96
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Azalanstat (RS 21607) is an orally available selective mammalian lanosterol 14- $\alpha$ -demethylase inhibitor with hypocholesterolemic activity that inhibits cholesterol synthesis in HepG2 cells, human fibroblasts, hamster hepatocytes, and hamster livers through inhibition of the cytochrome P450 enzyme, lanosterol 14 $\alpha$ demethylase.
Targets(IC50)	Cytochromes P450,ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3258 mL	11.629 mL	23.258 mL
5 mM	0.4652 mL	2.3258 mL	4.6516 mL
10 mM	0.2326 mL	1.1629 mL	2.3258 mL
50 mM	0.0465 mL	0.2326 mL	0.4652 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

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