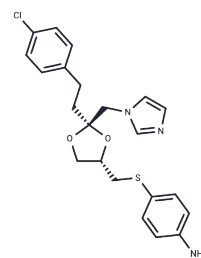


## iso-Azalansta

## Chemical Properties

CAS No. :	143393-29-7
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	(2R,4S)-Azalanstat (Iso-Azalansta) is a selective heme oxygenase (HO) inhibitor that is used in the study of cardiovascular disease.
Targets(IC50)	Histone Methyltransferase

## 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

Walker KA, et al. Selective inhibition of mammalian lanosterol 14 alpha-demethylase: a possible strategy for cholesterol lowering. J Med Chem. 1993 Jul 23;36(15):2235-7.

Vlahakis JZ, et al. Synthesis and evaluation of imidazole-dioxolane compounds as selective heme oxygenase inhibitors: effect of substituents at the 4-position of the dioxolane ring. Bioorg Med Chem. 2009 Mar 15;17(6):2461-75.

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

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481