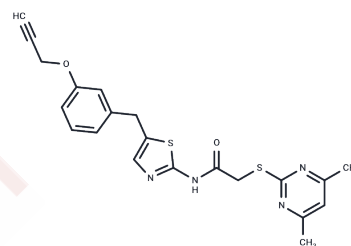


SirReal1-O-propargyl

Chemical Properties

CAS No. :	1862237-99-7
Formula:	C ₂₁ H ₂₀ N ₄ O ₂ S ₂
Molecular Weight:	424.54
Storage:	Keep away from direct sunlight 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	SirReal1-O-propargyl is a selective Sirtuin 2 inhibitor (IC ₅₀ =2.4 μM) and PROTAC ligand. Its propargyl group enables click chemistry reactions such as CuAAC.
Targets(IC ₅₀)	Others,Ligands for Target Protein for PROTAC,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3555 mL	11.7775 mL	23.5549 mL
5 mM	0.4711 mL	2.3555 mL	4.711 mL
10 mM	0.2355 mL	1.1777 mL	2.3555 mL
50 mM	0.0471 mL	0.2355 mL	0.4711 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

Schiedel M, et al. Chemically Induced Degradation of Sirtuin 2 (Sirt2) by a Proteolysis Targeting Chimera (PROTAC) Based on Sirtuin Rearranging Ligands (SirReals). J Med Chem. 2018 Jan 25;61(2):482-491.

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