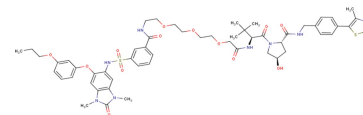


dTRIM24

Chemical Properties

CAS No.:	2170695-14-2
Formula:	C55H68N8O13S2
Molecular Weight:	1113.3
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	dTRIM24, based on PROTAC, is a selective bifunctional TRIM24 degrader.
Targets(IC ₅₀)	TRIM24: None
In vitro	dTRIM24 suppresses growth to a greater extent than does IACS-9571, accompanied by apoptosis measured as enhanced PARP cleavage. Recruitment of the VHL E3 ubiquitin ligase by dTRIM24 elicits potent and selective degradation of TRIM24. Growth over time is determined for MOLM-13 cells treated with dTRIM24, IACS-9571, VL-269, and eTRIM24. Near-complete degradation of TRIM24 is observed in dTRIM24-treated cells throughout the duration of the experiment, which is consistent with a sustained proliferative defect observed following dTRIM24 treatment [2].

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---------------------------------------------------------------------------------------------------

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.898 mL	4.491 mL	8.982 mL
5 mM	0.18 mL	0.898 mL	1.796 mL
10 mM	0.09 mL	0.449 mL	0.898 mL
50 mM	0.018 mL	0.09 mL	0.18 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Gechijian LN, et al. Functional TRIM24 degrader via conjugation of ineffectual bromodomain and VHL ligands. Nat Chem Biol. 2018 Apr;14(4):405-412.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481