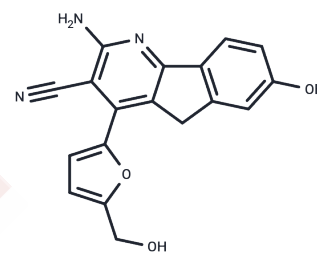


## KI-TOX-A3

## Chemical Properties

CAS No. :	1351116-34-1
Formula:	C18H13N3O3
Molecular Weight:	319.31
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	KI-TOX-A3 is a selective protein-protein interaction (PPI) inhibitor targeting the TOX protein, with an IC50 value of 0.51 $\mu$ M for the TOX-KAT7 interaction. It promotes proteasomal degradation of TOX, restores KAT7-mediated H3K14 acetylation, reverses CD8+ T cell exhaustion, and inhibits proliferation of T-cell acute lymphoblastic leukemia (T-ALL) cells. KI-TOX-A3 holds potential for research in hematological malignancies, including T-ALL.
Targets(IC50)	Histone Acetyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1318 mL	15.6588 mL	31.3175 mL
5 mM	0.6264 mL	3.1318 mL	6.2635 mL
10 mM	0.3132 mL	1.5659 mL	3.1318 mL
50 mM	0.0626 mL	0.3132 mL	0.6264 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

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

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