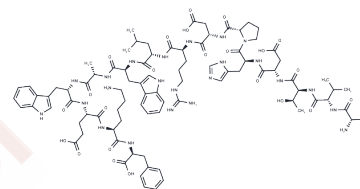


TCL1(10-24)

## Chemical Properties

CAS No. : 835655-37-3  
 Formula: C<sub>88</sub>H<sub>123</sub>N<sub>23</sub>O<sub>23</sub>  
 Molecular Weight: 1871.06  
 Storage: Keep away from moisture  
 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	TCL1(10-24) is an Akt inhibitor encompassing the betaA strand of human TCL1. It interacts with the Akt PH domain, preventing phosphoinositide binding and thereby inhibiting membrane translocation and activation of Akt. TCL1(10-24) inhibits cellular proliferation and anti-apoptosis, demonstrating its capacity to suppress tumor growth in vivo [1].
Targets(IC50)	Apoptosis,Akt

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5345 mL	2.6723 mL	5.3446 mL
5 mM	0.1069 mL	0.5345 mL	1.0689 mL
10 mM	0.0534 mL	0.2672 mL	0.5345 mL
50 mM	0.0107 mL	0.0534 mL	0.1069 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

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