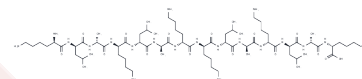


## d-KLA Peptide

## Chemical Properties

CAS No. :	286380-05-0
Formula:	C72H138N20O15
Molecular Weight:	1523.99
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	d-KLA Peptide, a synthetic pro-apoptotic peptide, selectively targets and induces apoptosis in mitochondria by disrupting the mitochondrial membrane. It activates apoptosis-related biochemical pathways, notably those involving caspase family proteins and PARP (poly ADP ribose polymerase). Additionally, d-KLA Peptide facilitates the delivery of genes or small molecules, amplifying its anti-tumor properties.
Targets(IC50)	Caspase, Mitochondrial Metabolism, PARP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6562 mL	3.2809 mL	6.5617 mL
5 mM	0.1312 mL	0.6562 mL	1.3123 mL
10 mM	0.0656 mL	0.3281 mL	0.6562 mL
50 mM	0.0131 mL	0.0656 mL	0.1312 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.

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