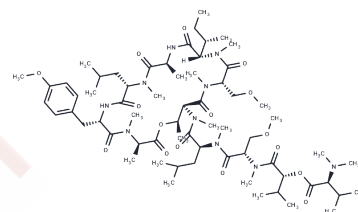


## Coibamide A

## Chemical Properties

CAS No. :	1029227-48-2
Formula:	C <sub>65</sub> H <sub>110</sub> N <sub>10</sub> O <sub>16</sub>
Molecular Weight:	1287.63
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	Coibamide A, an N-methyl-stabilized cytotoxic depsipeptide, exhibits potent antiproliferative activity, induces autophagosome accumulation via an mTOR-independent mechanism, and triggers apoptosis. Furthermore, it inhibits VEGFA/VEGFR2 expression, effectively suppressing tumor growth in glioblastoma xenografts [1] [2].
Targets(IC50)	Apoptosis, Autophagy, VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7766 mL	3.8831 mL	7.7662 mL
5 mM	0.1553 mL	0.7766 mL	1.5532 mL
10 mM	0.0777 mL	0.3883 mL	0.7766 mL
50 mM	0.0155 mL	0.0777 mL	0.1553 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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