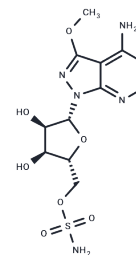


## ATG7-IN-2

## Chemical Properties

CAS No. :	2226227-75-2
Formula:	C <sub>11</sub> H <sub>16</sub> N <sub>6</sub> O <sub>7</sub> S
Molecular Weight:	376.35
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	ATG7-IN-2 (compound 1) is a highly potent ATG7 protein inhibitor with an IC <sub>50</sub> of 0.089 μM, effectively suppressing autophagy marker LC3B activity and regulating the autophagy process [1].
Targets(IC <sub>50</sub> )	Others, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6571 mL	13.2855 mL	26.571 mL
5 mM	0.5314 mL	2.6571 mL	5.3142 mL
10 mM	0.2657 mL	1.3286 mL	2.6571 mL
50 mM	0.0531 mL	0.2657 mL	0.5314 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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