

## Anticancer agent 39

## Chemical Properties

CAS No. : 2762426-00-4  
 Formula: C<sub>50</sub>H<sub>65</sub>N<sub>5</sub>O<sub>10</sub>  
 Molecular Weight: 896.08  
 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	Anticancer Agent 39 (compound B12), a fluorescent derivative of Jiyuan Oridonin A (JOA), not only induces apoptosis through the collapse of mitochondrial membrane potential (MMP) but also inhibits cell cloning and migration, demonstrating promising anti-proliferative activity against HGC-27 cells with an IC <sub>50</sub> value of 0.39 μM [1].
Targets(IC50)	Apoptosis,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.116 mL	5.5799 mL	11.1597 mL
5 mM	0.2232 mL	1.116 mL	2.2319 mL
10 mM	0.1116 mL	0.558 mL	1.116 mL
50 mM	0.0223 mL	0.1116 mL	0.2232 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481