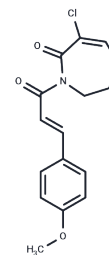


## Anti-aging agent 1

## Chemical Properties

CAS No. :	1884611-28-2
Formula:	C <sub>16</sub> H <sub>16</sub> ClNO <sub>3</sub>
Molecular Weight:	305.76
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	Anti-aging agent 1 (compound 24), a piperlongumine (PL) derivative, demonstrates a significant enhancement in senolytic activity, being 50 times more effective against senescent WI-38 fibroblasts than PL [1].
Targets(IC50)	ERK,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2705 mL	16.3527 mL	32.7054 mL
5 mM	0.6541 mL	3.2705 mL	6.5411 mL
10 mM	0.3271 mL	1.6353 mL	3.2705 mL
50 mM	0.0654 mL	0.3271 mL	0.6541 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481