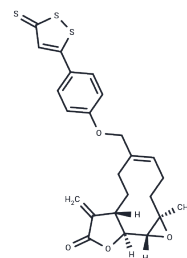


## anti-TNBC agent-4

## Chemical Properties

CAS No. :	3027501-51-2
Formula:	C <sub>24</sub> H <sub>24</sub> O <sub>4</sub> S <sub>3</sub>
Molecular Weight:	472.64
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-TNBC agent-4 (compound 7) exhibits strong inhibitory activity against various TNBC cells, with an IC <sub>50</sub> range of 0.37 to 1.52 μM. It inhibits IKKβ-mediated phosphorylation of IκB and p65, and induces apoptosis in TNBC cells.
Targets(IC <sub>50</sub> )	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1158 mL	10.5789 mL	21.1578 mL
5 mM	0.4232 mL	2.1158 mL	4.2316 mL
10 mM	0.2116 mL	1.0579 mL	2.1158 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 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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