

TrxR-IN-7

## Chemical Properties

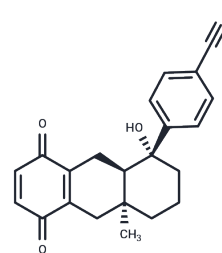
CAS No. :

Formula: C<sub>22</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 347.407

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	TrxR-IN-7 (14f) is a potent inhibitor of thioredoxin reductase (TrxR), with an IC <sub>50</sub> value of 3.5 μM. It exhibits antiproliferative activity and can induce apoptosis and the production of reactive oxygen species (ROS).
Targets(IC <sub>50</sub> )	Apoptosis, Reactive Oxygen Species, ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8784 mL	14.3922 mL	28.7844 mL
5 mM	0.5757 mL	2.8784 mL	5.7569 mL
10 mM	0.2878 mL	1.4392 mL	2.8784 mL
50 mM	0.0576 mL	0.2878 mL	0.5757 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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