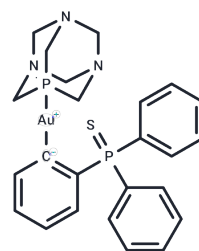


Antiangiogenic agent 7

Chemical Properties

CAS No. :	2527888-07-7
Formula:	C ₂₄ H ₂₆ AuN ₃ P ₂ S
Molecular Weight:	647.46
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	Antiangiogenic agent 7 (Compound 1) induces apoptosis, elevates Reactive Oxygen Species (Reactive Oxygen Species), and inhibits the intracellular enzyme thioredoxin reductase. It exhibits anticancer activity with IC ₅₀ values ranging from 0.08 to 3.5 μM against cervical cancer cells (HeLa), prostate cancer cells (PC-3), and non-small cell lung cancer cells (A549). Additionally, Antiangiogenic agent 7 suppresses tumor growth in a mouse xenograft model.
Targets(IC ₅₀)	Apoptosis, Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5445 mL	7.7225 mL	15.445 mL
5 mM	0.3089 mL	1.5445 mL	3.089 mL
10 mM	0.1544 mL	0.7722 mL	1.5445 mL
50 mM	0.0309 mL	0.1544 mL	0.3089 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481