

TrxR-IN-4

Chemical Properties

CAS No. : 2414906-32-2
Formula: C₂₈H₂₀AuF₈N₂O₂P
Molecular Weight: 796.4
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	Compound 1b (TrxR-IN-4) is a potent TrxR inhibitor that activates endoplasmic reticulum stress (ERS) to induce apoptosis in HepG2 cells and mitigates CCl ₄ -induced liver damage in vivo through TrxR expression down-regulation and reduced inflammation [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2557 mL	6.2783 mL	12.5565 mL
5 mM	0.2511 mL	1.2557 mL	2.5113 mL
10 mM	0.1256 mL	0.6278 mL	1.2557 mL
50 mM	0.0251 mL	0.1256 mL	0.2511 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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