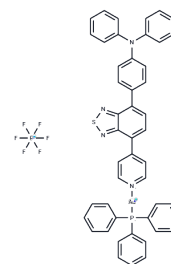


Photosensitizer-6

Chemical Properties

CAS No. : 3052251-17-6
 Formula: C47H35AuF6N4P2S
 Molecular Weight: 1060.78
 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	Photosensitizer-6 (Compound 4) is a metal ion complex that inhibits TrxR. It induces apoptosis in 4T1 cells, targeting cancer cells and eliminating tumors through chemophototherapy and immunogenic cell death under illumination. Additionally, Photosensitizer-6 can be utilized for tumor imaging.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9427 mL	4.7135 mL	9.427 mL
5 mM	0.1885 mL	0.9427 mL	1.8854 mL
10 mM	0.0943 mL	0.4714 mL	0.9427 mL
50 mM	0.0189 mL	0.0943 mL	0.1885 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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