

PAA5

## Chemical Properties

CAS No. :

Formula: C14H8Au5B2F8N2-

Molecular Weight: 1348.66

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	PAA5, a methide carbon-centered polynuclear gold(I) (Au(I)) cluster, exhibits anticancer activity by releasing Au(I) to induce a pro-oxidant response and accelerated ferroptosis. Additionally, PAA5 increases the expression of pH2AX in a time-dependent manner, further contributing to its anticancer properties [1].
Targets(IC50)	Others,Ferroptosis,Reactive Oxygen Species,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7415 mL	3.7074 mL	7.4148 mL
5 mM	0.1483 mL	0.7415 mL	1.483 mL
10 mM	0.0741 mL	0.3707 mL	0.7415 mL
50 mM	0.0148 mL	0.0741 mL	0.1483 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.

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