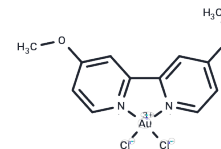
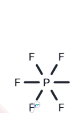


AubipyOMe

Chemical Properties

CAS No. : 1221591-26-9
 Formula: C₁₂H₁₂AuCl₂F₆N₂O₂P
 Molecular Weight: 629.07
 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	AubipyOMe serves as an effective inhibitor of Tartrate-resistant Acid Phosphatase (TRAP/ACP5), a metalloenzyme identified in activated osteoclasts and macrophages. It exhibits inhibitory IC ₅₀ values of 1.3 μM against TRAP5a and 1.8 μM against TRAP5b. Additionally, it effectively suppresses TRAP activity in extracts from mouse macrophages and human lung tissues.
Targets(IC ₅₀)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5896 mL	7.9482 mL	15.8965 mL
5 mM	0.3179 mL	1.5896 mL	3.1793 mL
10 mM	0.159 mL	0.7948 mL	1.5896 mL
50 mM	0.0318 mL	0.159 mL	0.3179 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

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