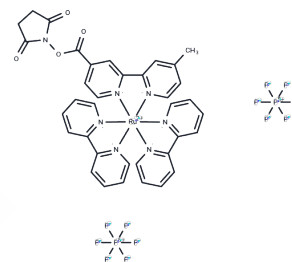


## Ru(bpy)2(mcbpy-O-Su-ester)(PF6)2

### Chemical Properties

CAS No. :	136724-73-7
Formula:	C36H29F12N7O4P2Ru
Molecular Weight:	1014.66
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Ru(bpy)2(mcbpy-O-Su-ester)(PF6)2 is a potent ruthenium-based dye that serves as an effective quencher for quantum dots (QDs) fluorescence, a capture probe for the virus antigen EV71, and a sensitive label for electrogenerated chemiluminescence (ECL) detection of matrix metalloproteinases (MMPs) [1] [2] [3].
Targets(IC50)	Others
In vitro	Ru(bpy)2(mcbpy-O-Su-ester)(PF6)2 functions as a labeling agent for measuring the hydrodynamic radii of intravitreal anti-VEGF therapeutics [2].

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9856 mL	4.9278 mL	9.8555 mL
5 mM	0.1971 mL	0.9856 mL	1.9711 mL
10 mM	0.0986 mL	0.4928 mL	0.9856 mL
50 mM	0.0197 mL	0.0986 mL	0.1971 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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