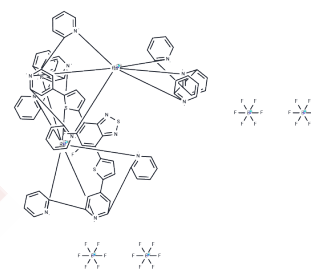


## Antitumor photosensitizer-6

## Chemical Properties

CAS No. : 2938922-20-2  
 Formula: C74H46F26N14P4Ru2S3  
 Molecular Weight: 2047.44  
 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 Ru2 (Antitumor photosensitizer-6) exhibits synergistic type I/II photosensitization and photocatalytic activities under illumination at 595 nm. It causes oxidative redox imbalance within cells, affecting biosynthesis and metabolic processes, leading to cell apoptosis (Apoptosis). Compound Ru2 is applicable in studies of photodynamic therapy (PDT).
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4884 mL	2.4421 mL	4.8841 mL
5 mM	0.0977 mL	0.4884 mL	0.9768 mL
10 mM	0.0488 mL	0.2442 mL	0.4884 mL
50 mM	0.0098 mL	0.0488 mL	0.0977 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

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481