

## Cy5-Paclitaxel

## Chemical Properties

CAS No. :

Formula: C93H104N4O16+

Molecular Weight: 1533.84

Keep away from direct sunlight

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	Cy5-Paclitaxel is a Cy5-labeled paclitaxel conjugate. Cy5 is a cyanine dye (with an approximate wavelength of 662 nm) utilized in molecular labeling and microscopy imaging. Paclitaxel stabilizes tubulin polymerization, causing mitotic arrest and apoptotic death. It also induces autophagy.
Targets(IC50)	Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.652 mL	3.2598 mL	6.5196 mL
5 mM	0.1304 mL	0.652 mL	1.3039 mL
10 mM	0.0652 mL	0.326 mL	0.652 mL
50 mM	0.013 mL	0.0652 mL	0.1304 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