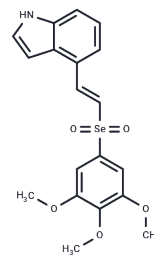


## Tubulin polymerization-IN-9

## Chemical Properties

CAS No. :	2485020-93-5
Formula:	C <sub>19</sub> H <sub>19</sub> NO <sub>5</sub> Se
Molecular Weight:	420.32
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	Tubulin polymerization-IN-9, a potent inhibitor of tubulin (IC <sub>50</sub> : 1.82 μM), arrests the cell cycle of K562 cells in the G <sub>2</sub> /M phase, induces apoptosis and mitochondrial depolarization, and exhibits strong anti-vascular and anti-tumor effects.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3791 mL	11.8957 mL	23.7914 mL
5 mM	0.4758 mL	2.3791 mL	4.7583 mL
10 mM	0.2379 mL	1.1896 mL	2.3791 mL
50 mM	0.0476 mL	0.2379 mL	0.4758 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