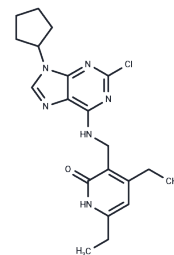


SKLB0565

## Chemical Properties

CAS No. : 2414607-10-4  
 Formula: C<sub>20</sub>H<sub>25</sub>ClN<sub>6</sub>O  
 Molecular Weight: 400.91  
 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	SKLB0565 is an effective inhibitor of tubulin. SKLB0565 significantly inhibited the proliferation of colorectal cancer cells with IC <sub>50</sub> of 0.012 - 0.081 μ M. SKLB0565 induces G <sub>2</sub> /M phase arrest and mitochondria-mediated endogenous apoptosis. SKLB0565 destroys the microtubule formation of HUVECs cells and inhibits cell migration.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4943 mL	12.4716 mL	24.9433 mL
5 mM	0.4989 mL	2.4943 mL	4.9887 mL
10 mM	0.2494 mL	1.2472 mL	2.4943 mL
50 mM	0.0499 mL	0.2494 mL	0.4989 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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