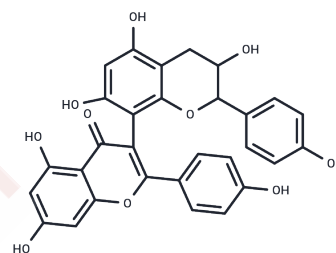


## Wikstrol A

## Chemical Properties

CAS No. :	159736-35-3
Formula:	C30H22O10
Molecular Weight:	542.49
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	Wikstrol A, a potent antifungal, antimetabolic, and anti-HIV-1 agent, demonstrates significant effects across various biological targets. It induces morphological deformation in <i>P. oryzae</i> mycelia, with a minimum morphological deformation concentration (MMDC) of 70.1 $\mu$ M and inhibits microtubule polymerization, evidenced by an IC <sub>50</sub> value of 131 $\mu$ M. Additionally, Wikstrol A exhibits anti-HIV-1 activity with an IC <sub>50</sub> value of 67.8 $\mu$ M.
Targets(IC <sub>50</sub> )	Others,HIV Protease,Microtubule Associated,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8434 mL	9.2168 mL	18.4335 mL
5 mM	0.3687 mL	1.8434 mL	3.6867 mL
10 mM	0.1843 mL	0.9217 mL	1.8434 mL
50 mM	0.0369 mL	0.1843 mL	0.3687 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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