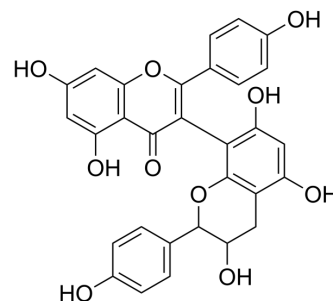


## Wikstrol A

Cat. No.:	HY-N10958
CAS No.:	159736-35-3
Molecular Formula:	C <sub>30</sub> H <sub>22</sub> O <sub>10</sub>
Molecular Weight:	542.49
Target:	Fungal; HIV; Microtubule/Tubulin
Pathway:	Anti-infection; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Wikstrol A is a potent antifungal, antimitotic and anti-HIV-1 Agent. Wikstrol A induces morphological deformation of <i>P. oryzae</i> mycelia with an MMDC value of 70.1 $\mu$ M. Wikstrol A shows activity against microtubule polymerization with an IC <sub>50</sub> value of 131 $\mu$ M. Wikstrol A shows anti-HIV-1 activity with an IC <sub>50</sub> value of 67.8 $\mu$ M <sup>[1]</sup> .
IC <sub>50</sub> & Target	HIV-1 67.8 (IC <sub>50</sub> )

### REFERENCES

[1]. Hu K, et al. Antifungal, antimitotic and anti-HIV-1 agents from the roots of *Wikstroemia indica*. *Planta Med.* 2000 Aug;66(6):564-7.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA