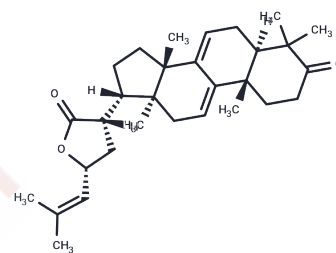


## Nimolinone

## Chemical Properties

CAS No. :	106533-51-1
Formula:	C <sub>30</sub> H <sub>42</sub> O <sub>3</sub>
Molecular Weight:	450.65
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	Nimolinone is presented in EENL. EENL by regulating the genes involved in cellular development and cell death functions could control cell proliferation, attenuate the stimulatory effects of VEGF, and exert antiangiogenic effects. EENL treatment could have a potential therapeutic role during cancer progression.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.219 mL	11.0951 mL	22.1902 mL
5 mM	0.4438 mL	2.219 mL	4.438 mL
10 mM	0.2219 mL	1.1095 mL	2.219 mL
50 mM	0.0444 mL	0.2219 mL	0.4438 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.

## Reference

- Mahapatra S, Young CY, Kohli M, Karnes RJ, Klee EW, Holmes MW, Tindall DJ, Donkena KV. Antiangiogenic Effects and Therapeutic Targets of Azadirachta indica Leaf Extract in Endothelial Cells. *Evid Based Complement Alternat Med.* 2012;2012:303019. doi: 10.1155/2012/303019. Epub 2012 Feb 22. PubMed PMID: 22461839; PubMed Central PMCID: PMC3296311.
- Mahapatra S, Karnes RJ, Holmes MW, Young CY, Cheville JC, Kohli M, Klee EW, Tindall DJ, Donkena KV. Novel molecular targets of Azadirachta indica associated with inhibition of tumor growth in prostate cancer. *AAPS J.* 2011 Sep;13(3):365-77. doi: 10.1208/s12248-011-

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