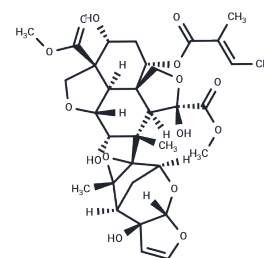


## 3-Desacetylazadirachtin

## Chemical Properties

CAS No. :	37294-05-6
Formula:	C33H42O15
Molecular Weight:	678.68
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	3-Desacetylazadirachtin is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4734 mL	7.3672 mL	14.7345 mL
5 mM	0.2947 mL	1.4734 mL	2.9469 mL
10 mM	0.1473 mL	0.7367 mL	1.4734 mL
50 mM	0.0295 mL	0.1473 mL	0.2947 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

- Ashfaq UA, Jalil A, Ul Qamar MT. Antiviral phytochemicals identification from Azadirachta indica leaves against HCV NS3 protease: an in silico approach. *Nat Prod Res.* 2016 Aug;30(16):1866-9. doi: 10.1080/14786419.2015.1075527. Epub 2015 Aug 14. PubMed PMID: 26274064.
- Jalil A, Ashfaq UA, Shahzadi S, Rasul I, Rehman SU, Shah M, Javed MR. Screening and design of anti-diabetic compounds sourced from the leaves of neem (Azadirachta indica). *Bioinformation.* 2013 Dec 27;9(20):1031-5. doi: 10.6026/97320630091031. eCollection 2013. Erratum in: *Bioinformation.* 2014;10(6):393. Masoud, Muhammad Shareef [corrected to Javed, Muhammad Rizwan]. PubMed PMID: 24497731; PubMed Central PMCID: PMC3910360.
- Kikuchi T, Ishii K, Noto T, Takahashi A, Tabata K, Suzuki T, Akihisa T. Cytotoxic and apoptosis-inducing activities of limonoids from the seeds of Azadirachta indica (neem). *J Nat Prod.* 2011 Apr 25;74(4):866-70. doi: 10.1021/np100783k. Epub 2011 Mar 7. PubMed PMID: 21381696.

**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