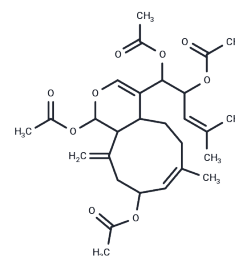


## Xenicin

## Chemical Properties

CAS No. :	64504-52-5
Formula:	C <sub>28</sub> H <sub>38</sub> O <sub>9</sub>
Molecular Weight:	518.60
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	Xenicin is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9283 mL	9.6413 mL	19.2827 mL
5 mM	0.3857 mL	1.9283 mL	3.8565 mL
10 mM	0.1928 mL	0.9641 mL	1.9283 mL
50 mM	0.0386 mL	0.1928 mL	0.3857 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

- Urda C, Fernández R, Pérez M, Rodríguez J, Jiménez C, Cuevas C. Protoxeniciens A and B, Cytotoxic Long-Chain Acylated Xenicanes from the Soft Coral *Protodendron repens*. *J Nat Prod.* 2017 Mar 24;80(3):713-719. doi: 10.1021/acs.jnatprod.7b00046. Epub 2017 Mar 3. PubMed PMID: 28256841.
- Lin YC, Abd El-Razek MH, Hwang TL, Chiang MY, Kuo YH, Dai CF, Shen YC. Asterolaurins A-F, xenicane diterpenoids from the Taiwanese soft coral *Asterospicularia lauræ*. *J Nat Prod.* 2009 Nov;72(11):1911-6. doi: 10.1021/np900231e. PubMed PMID: 19863101.
- El-Gamal AA, Chiang CY, Huang SH, Wang SK, Duh CY. Xenia diterpenoids from the formosan soft coral *Xenia blumi*. *J Nat Prod.* 2005 Sep;68(9):1336-40. PubMed PMID: 16180809.
- Vanderah DJ, Steudler PA, Ciereszko LS, Schmitz FJ, Ekstrand JD, van der Helm D. Marine natural products. Xenicin: a diterpenoid possessing a nine-membered ring from the soft coral, *Xenia elongata*. *J Am Chem Soc.* 1977 Aug 17;99(17):5780-4. PubMed PMID: 18501.

**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