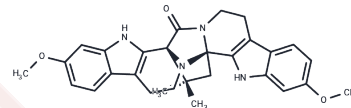


## Peganumine A

## Chemical Properties

CAS No. : 1620517-85-2  
 Formula: C<sub>29</sub>H<sub>30</sub>N<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 482.57  
 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	Peganumine A, a natural product isolated from Peganum harmala, exhibits cytotoxic activity with IC <sub>50</sub> values of 5.8 μM for HL-60 cells, 38.5 μM for MCF-7 cells, 40.2 μM for PC-3 cells, and 55.4 μM for HepG2 cells [1].
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0722 mL	10.3612 mL	20.7224 mL
5 mM	0.4144 mL	2.0722 mL	4.1445 mL
10 mM	0.2072 mL	1.0361 mL	2.0722 mL
50 mM	0.0414 mL	0.2072 mL	0.4144 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481