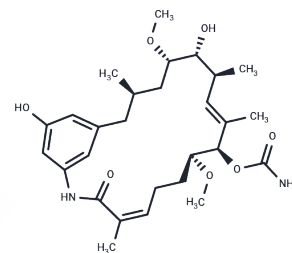


## 17-Demethoxy-reblastatin

## Chemical Properties

CAS No. :	299173-64-1
Formula:	C <sub>28</sub> H <sub>42</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	518.64
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	17-Demethoxy-reblastatin (17-DR) acts as an inhibitor of heat shock protein 90 (Hsp90). It suppresses the proliferation of HepG2 and SMMC7721 cancer cells, diminishes colony formation, and triggers apoptosis via a mitochondria and caspase-mediated pathway.
Targets(IC50)	Apoptosis,HSP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9281 mL	9.6406 mL	19.2812 mL
5 mM	0.3856 mL	1.9281 mL	3.8562 mL
10 mM	0.1928 mL	0.9641 mL	1.9281 mL
50 mM	0.0386 mL	0.1928 mL	0.3856 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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