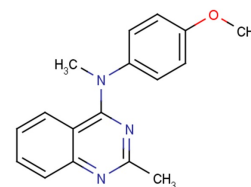


## Verubulin

## Chemical Properties

CAS No.:	827031-83-4
Formula:	C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> O
Molecular Weight:	279.34
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Verubulin is a microtubule-disrupting agent with potent and broad-spectrum in vitro and in vivo cytotoxic activities.
Targets(IC <sub>50</sub> )	Microtubule: None

## Solubility Information

Solubility	DMSO: 125 mg/mL (447.48 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.58 mL	17.899 mL	35.799 mL
5 mM	0.716 mL	3.58 mL	7.16 mL
10 mM	0.358 mL	1.79 mL	3.58 mL
50 mM	0.072 mL	0.358 mL	0.716 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Kasibhatla S, et al. MPC-6827: a small-molecule inhibitor of microtubule formation that is not a substrate for multidrug resistance pumps. Cancer Res. 2007 Jun 15;67(12):5865-71.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481