

VB1080

## Chemical Properties

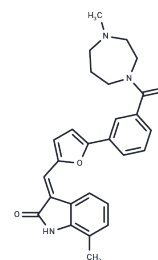
CAS No. :

Formula: C<sub>27</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 441.522

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	VB1080 (compound 12) is a potent PIM inhibitor with IC <sub>50</sub> values of 69.5 μM for PIM1, 4996 μM for PIM2, and 9.88 μM for PIM3. Additionally, VB1080 exhibits cytotoxic properties and possesses anthelmintic activity.
Targets(IC <sub>50</sub> )	Pim

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2649 mL	11.3245 mL	22.649 mL
5 mM	0.453 mL	2.2649 mL	4.5298 mL
10 mM	0.2265 mL	1.1325 mL	2.2649 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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

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

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