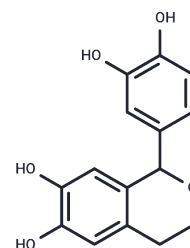


## Blapsin B

## Chemical Properties

CAS No. :	861145-00-8
Formula:	C <sub>15</sub> H <sub>14</sub> O <sub>5</sub>
Molecular Weight:	274.27
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	Blapsin B is a potent 14-3-3 inhibitor. Blapsin B is a naturally occurring compound isolated from the ethanol extract of the stink beetle, Blaps japonensis. Blapsin B potently inhibited 14-3-3 protein-protein interactions (PPIs) with IC <sub>50</sub> value of 10.0 μM as determined by an ELISA assay, and 2.5 μM in an FP assay, respectively. Blapsin B represent the first example of natural small-molecule 14-3-3 inhibitors.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.646 mL	18.2302 mL	36.4604 mL
5 mM	0.7292 mL	3.646 mL	7.2921 mL
10 mM	0.3646 mL	1.823 mL	3.646 mL
50 mM	0.0729 mL	0.3646 mL	0.7292 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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