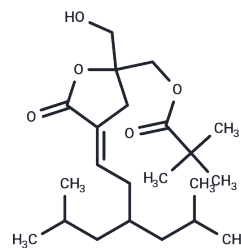


AJH-836

## Chemical Properties

CAS No. : 388621-67-8  
 Formula: C<sub>22</sub>H<sub>38</sub>O<sub>5</sub>  
 Molecular Weight: 382.53  
 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	AJH-836 is a compound that activates Munc13-1 and PKC $\epsilon/\alpha$ , demonstrating a dissociation constant (K <sub>d</sub> ) of 4.5 nM for PKC $\alpha$ , and facilitates the translocation of Munc13-1 from the cytoplasm to the plasma membrane. It is utilized in neurodegenerative disease research [1].
Targets(IC50)	PKC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6142 mL	13.0709 mL	26.1417 mL
5 mM	0.5228 mL	2.6142 mL	5.2283 mL
10 mM	0.2614 mL	1.3071 mL	2.6142 mL
50 mM	0.0523 mL	0.2614 mL	0.5228 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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