

U-104067

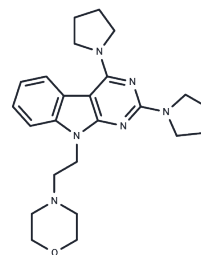
## Chemical Properties

CAS No. : 172035-69-7

Formula: C<sub>24</sub>H<sub>32</sub>N<sub>6</sub>O

Molecular Weight: 420.551

Storage: Keep away from direct sunlight  
 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   | U-104067 functions as a molecular probe to monitor and quantify various physical phenomena such as transfer to lipid membranes, distribution between surface phases, and distribution between lipid carriers and target membranes. U-104067 is sensitive to tilt/ripple phase transitions and can be tracked by changes in its fluorescence anisotropy and quantum yield. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3778 mL | 11.8892 mL | 23.7784 mL |
| 5 mM  | 0.4756 mL | 2.3778 mL  | 4.7557 mL  |
| 10 mM | 0.2378 mL | 1.1889 mL  | 2.3778 mL  |
| 50 mM | 0.0476 mL | 0.2378 mL  | 0.4756 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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