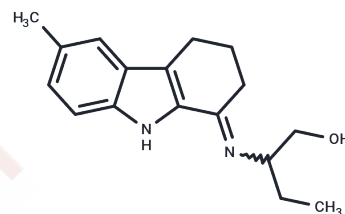


AH057

## Chemical Properties

CAS No. : 118499-11-9  
 Formula: C17H22N2O  
 Molecular Weight: 270.37  
 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   | AH057 is a novel JAK inhibitor, effectively blocking the JAK/STAT pathways by directly inhibiting JAK1/2 kinase activities, and leading to compromised cell proliferation and invasion, increasing apoptosis, arrested cell cycles, and impairing tumor progression in vitro and in vivo |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.6986 mL | 18.4932 mL | 36.9864 mL |
| 5 mM  | 0.7397 mL | 3.6986 mL  | 7.3973 mL  |
| 10 mM | 0.3699 mL | 1.8493 mL  | 3.6986 mL  |
| 50 mM | 0.074 mL  | 0.3699 mL  | 0.7397 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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