

## TAS-117 hydrochloride

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>25</sub>ClN<sub>4</sub>O<sub>2</sub>

Molecular Weight: 460.96

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                | TAS-117 hydrochloride is a selective, potent, orally active allosteric Akt inhibitor, acting on Akt1 (IC <sub>50</sub> : 4.8 nM), Akt2 (IC <sub>50</sub> : 1.6 nM) and Akt3 (IC <sub>50</sub> : 44 nM). TAS-117 hydrochloride stimulates anti-myeloma activity, enhances lethal endoplasmic reticulum stress induced by proteasome inhibition, and can induce apoptosis and autophagy. |
| Targets(IC <sub>50</sub> ) | Apoptosis,Others,Akt,Autophagy   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1694 mL | 10.8469 mL | 21.6939 mL |
| 5 mM  | 0.4339 mL | 2.1694 mL  | 4.3388 mL  |
| 10 mM | 0.2169 mL | 1.0847 mL  | 2.1694 mL  |
| 50 mM | 0.0434 mL | 0.2169 mL  | 0.4339 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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