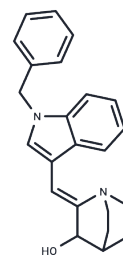


VJ115

Chemical Properties

CAS No. : 929256-79-1
 Formula: C₂₃H₂₄N₂O
 Molecular Weight: 344.45
 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 | VJ115 is a novel chemical entity that inhibits the enzyme ENOX1, a NADH oxidase. Genetic and small molecule inhibition of ENOX1 inhibits endothelial cell tubule formation and tumor-mediated neo-angiogenesis. Inhibition of ENOX1 radiosensitizes tumor vasculature, a consequence of enhanced apoptosis. VJ115 inhibition of ENOX1 can impact expression of proteins involved in cytoskeletal reorganization and support a hypothesis in which ENOX1 activity links elevated cellular NADH concentrations with cytoskeletal reorganization and angiogenesis. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9032 mL | 14.5159 mL | 29.0318 mL |
| 5 mM | 0.5806 mL | 2.9032 mL | 5.8064 mL |
| 10 mM | 0.2903 mL | 1.4516 mL | 2.9032 mL |
| 50 mM | 0.0581 mL | 0.2903 mL | 0.5806 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481