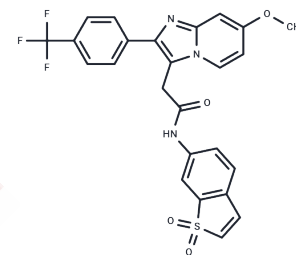


WZ-2-033

## Chemical Properties

CAS No. : 2416196-47-7  
 Formula: C<sub>25</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 513.49  
 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                | WZ-2-033 is a potent STAT3 inhibitor. It inhibits proliferation, colony survival, migration, and invasion of MDA-MB-231, HCC70, and MDA-MB231-4175 cells, with IC <sub>50</sub> values of 0.7, 1.3, and 1.3 μM respectively. |
| Targets(IC <sub>50</sub> ) | STAT   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.9475 mL | 9.7373 mL | 19.4746 mL |
| 5 mM  | 0.3895 mL | 1.9475 mL | 3.8949 mL  |
| 10 mM | 0.1947 mL | 0.9737 mL | 1.9475 mL  |
| 50 mM | 0.0389 mL | 0.1947 mL | 0.3895 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