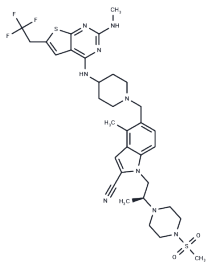
# Data Sheet (Cat.No.T39585)

TargetMol
YOUR TARGET MOLECULES

## Ziftomenib

### Chemical Properties



CAS No. : 2134675-36-6

Formula: C33H42F3N9O2S2

Molecular Weight: 717.871

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

### Biological Description

| | |
|---|---|
| Description | Ziftomenib (KO-539) is an inhibitor of menin-MLL interaction with antitumor activity and can be used to study leukemia. |
| Targets(IC50) | Histone Methyltransferase |
| In vitro | Zifomenib acts highly selective in MLL-r and NPM1mut acute myeloid leukemia and synergizes with a variety of targeted drugs in vitro[1]. |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 80 mg/mL (111.44 mM),Sonification is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.393 mL | 6.965 mL | 13.9301 mL |
| 5 mM | 0.2786 mL | 1.393 mL | 2.786 mL |
| 10 mM | 0.1393 mL | 0.6965 mL | 1.393 mL |
| 50 mM | 0.0279 mL | 0.1393 mL | 0.2786 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.

Reference

Rausch J, et al. Menin inhibitor ziftomenib (KO-539) synergizes with drugs targeting chromatin regulation or apoptosis and sensitizes acute myeloid leukemia with MLL rearrangement or NPM1 mutation to venetoclax.

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481