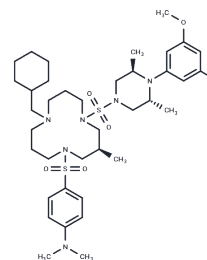


KZR-261

## Chemical Properties

CAS No. : 2376747-46-3  
 Formula: C<sub>38</sub>H<sub>61</sub>FN<sub>6</sub>O<sub>5</sub>S<sub>2</sub>  
 Molecular Weight: 765.06  
 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   | KZR-261 is a Sec61 inhibitor that directly binds to the Sec61 channel, effectively impeding the synthesis of certain Sec61 client proteins. It exhibits broad anti-tumor activity, particularly against colorectal, pancreatic, and prostate cancers, activating the endoplasmic reticulum stress response while showing minimal adverse effects on normal cells. KZR-261 significantly induces apoptosis in H929 cells and effectively suppresses tumor growth in various xenograft mouse models, demonstrating good tolerability. |
| Targets(IC50) | Apoptosis,Others,Caspase  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.3071 mL | 6.5354 mL | 13.0709 mL |
| 5 mM  | 0.2614 mL | 1.3071 mL | 2.6142 mL  |
| 10 mM | 0.1307 mL | 0.6535 mL | 1.3071 mL  |
| 50 mM | 0.0261 mL | 0.1307 mL | 0.2614 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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