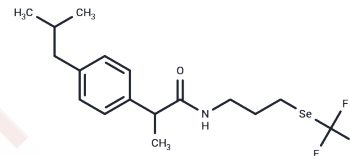


## Anticancer agent 63

## Chemical Properties

CAS No. : 2529657-32-5  
 Formula: C17H24F3NOSe  
 Molecular Weight: 394.33  
 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   | Anticancer agent 63 (compound 3h) exhibits significant cytotoxic activity against multiple cancer cell lines, including SW480, HeLa, A549, and MCF-7, with IC50 values of 4.9, 11.5, 9.4, and 3.4 $\mu$ M, respectively, after 24 hours of treatment. It induces apoptosis in MCF-7 cells by down-regulating Bcl-2 expression and up-regulating IL-2 and Caspase-3 expression, and also demonstrates antioxidative properties [1]. |
| Targets(IC50) | Apoptosis,Bcl-2 Family,Others,Caspase  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.5359 mL | 12.6797 mL | 25.3595 mL |
| 5 mM  | 0.5072 mL | 2.5359 mL  | 5.0719 mL  |
| 10 mM | 0.2536 mL | 1.268 mL   | 2.5359 mL  |
| 50 mM | 0.0507 mL | 0.2536 mL  | 0.5072 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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