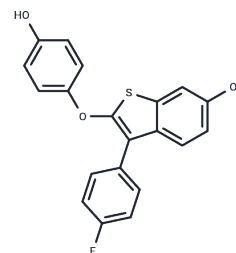


TTC-352

## Chemical Properties

CAS No. : 1607819-68-0  
 Formula: C<sub>20</sub>H<sub>13</sub>F<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 352.38  
 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	TTC-352 is an orally bioavailable selective human estrogen receptor alpha (ERalpha; ESR1; ERa) partial agonist (ShERPA), with potential antineoplastic activity. Upon administration, TTC-352 mimics the naturally-occurring 17beta-estradiol (E2) and targets and binds to ERa located in the nucleus. This causes translocation of ERa to extranuclear sites. Nuclear export of ERa prevents normal ER-mediated signaling and inhibits proliferation of ER-positive tumor cells.
Targets(IC50)	Estrogen Receptor/ERR,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8378 mL	14.1892 mL	28.3785 mL
5 mM	0.5676 mL	2.8378 mL	5.6757 mL
10 mM	0.2838 mL	1.4189 mL	2.8378 mL
50 mM	0.0568 mL	0.2838 mL	0.5676 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