

KC12

## Chemical Properties

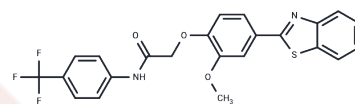
CAS No. :

Formula: C<sub>23</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight: 458.453

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	KC12 acts as an inhibitor of the FOXM1 transcription factor. In cancer cells of the MDA-MB-231 line, KC12 exhibits cytotoxicity with an IC <sub>50</sub> of 6.13 μM.
Targets(IC <sub>50</sub> )	DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1813 mL	10.9063 mL	21.8126 mL
5 mM	0.4363 mL	2.1813 mL	4.3625 mL
10 mM	0.2181 mL	1.0906 mL	2.1813 mL
50 mM	0.0436 mL	0.2181 mL	0.4363 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