

CT 32228

## Chemical Properties

CAS No. : 521064-34-6  
Formula: C<sub>16</sub>H<sub>13</sub>BrClN<sub>5</sub>  
Molecular Weight: 390.67  
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	CT 32228 is an inhibitor of LPAAT-β. It effectively suppresses tumor cell proliferation and has an IC <sub>50</sub> ranging from 0.1 to 0.8 μM in various leukemia cell lines. CT 32228 induces caspase activation in DHL-4 and Ramos cells. When used in combination with Rituximab, it promotes apoptosis. In vivo studies demonstrate that CT 32228 can delay xenograft tumor growth by 50%. This compound is applicable in research related to acute leukemia.
Targets(IC <sub>50</sub> )	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5597 mL	12.7985 mL	25.5971 mL
5 mM	0.5119 mL	2.5597 mL	5.1194 mL
10 mM	0.256 mL	1.2799 mL	2.5597 mL
50 mM	0.0512 mL	0.256 mL	0.5119 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