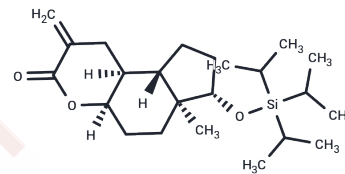


## Apoptosis inducer 36

## Chemical Properties

CAS No. : 2831492-41-0  
 Formula: C<sub>23</sub>H<sub>40</sub>O<sub>3</sub>Si  
 Molecular Weight: 392.647  
 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	Apoptosisinducer 36 (Compound 42) exhibits anti-leukemic activity by reducing leukemia stem cells (LSC) and inducing differentiation. It inhibits proliferation of AML cells by causing cell cycle arrest in the G1 phase, and induces PANoptosis, which includes apoptosis, pyroptosis, and necrosis.
Targets(IC50)	Apoptosis,Pyroptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5468 mL	12.734 mL	25.468 mL
5 mM	0.5094 mL	2.5468 mL	5.0936 mL
10 mM	0.2547 mL	1.2734 mL	2.5468 mL
50 mM	0.0509 mL	0.2547 mL	0.5094 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

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