

## Apoptosis inducer 35

## Chemical Properties

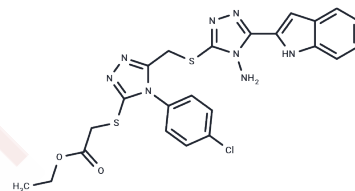
CAS No. :

Formula: C<sub>23</sub>H<sub>21</sub>ClN<sub>8</sub>O<sub>2</sub>S<sub>2</sub>

Molecular Weight: 541.048

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 35 (Compound 6) is a multi-target inhibitor that reduces the expression of EGFR, AKT, ERK, and P38-MAPK $\alpha$ . It suppresses the proliferation of cancer cells A549 and Jurkat, induces cell cycle arrest at the S phase, and triggers apoptosis (cell death).
Targets(IC50)	Apoptosis,ERK,EGFR,Akt,p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8483 mL	9.2413 mL	18.4826 mL
5 mM	0.3697 mL	1.8483 mL	3.6965 mL
10 mM	0.1848 mL	0.9241 mL	1.8483 mL
50 mM	0.037 mL	0.1848 mL	0.3697 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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