

## ERK1/2 inhibitor 11

## Chemical Properties

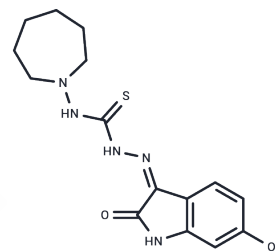
CAS No. :

Formula: C15H19N5O2S

Molecular Weight: 333.41

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	ERK1/2 inhibitor 11 (compound L6) is a dual inhibitor of ERK1/2 that promotes the accumulation of DSBs and the degradation of ERK1/2 expression. This compound decreases BCL-2 levels and induces DNA damage by inhibiting PARP and ERK1/2. Additionally, ERK1/2 inhibitor 11 activates caspase 3 to induce apoptosis.
Targets(IC50)	Apoptosis,ERK,Caspase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9993 mL	14.9966 mL	29.9931 mL
5 mM	0.5999 mL	2.9993 mL	5.9986 mL
10 mM	0.2999 mL	1.4997 mL	2.9993 mL
50 mM	0.060 mL	0.2999 mL	0.5999 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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