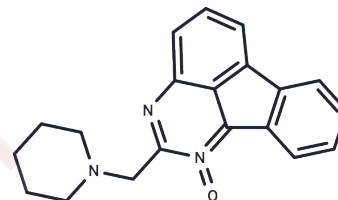


NSC194598

## Chemical Properties

CAS No. : 5358-76-9  
 Formula: C<sub>20</sub>H<sub>19</sub>N<sub>3</sub>O  
 Molecular Weight: 317.38  
 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	NSC194598, a p53 DNA-binding inhibitor, demonstrates an in vitro IC <sub>50</sub> of 180 nM and an in vivo range of 2-40 μM. It disrupts the transcriptional activation of the mutated RET gene in human medullary thyroid carcinoma TT cells and is utilized in research investigating acute toxicity in normal tissues due to radiation and chemotherapy [1] [2].
Targets(IC <sub>50</sub> )	Others,c-RET

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1508 mL	15.754 mL	31.508 mL
5 mM	0.6302 mL	3.1508 mL	6.3016 mL
10 mM	0.3151 mL	1.5754 mL	3.1508 mL
50 mM	0.063 mL	0.3151 mL	0.6302 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

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