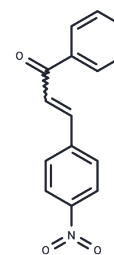


## 4-Nitrochalcone

## Chemical Properties

CAS No. :	1222-98-6
Formula:	C <sub>15</sub> H <sub>11</sub> NO <sub>3</sub>
Molecular Weight:	253.25
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	4-Nitrochalcone (2-(4-Nitrobenzylidene)acetophenone) inhibits proteasomes and suppresses TNF $\alpha$ -induced NF- $\kappa$ B activity.
Targets(IC50)	Proteasome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9487 mL	19.7433 mL	39.4867 mL
5 mM	0.7897 mL	3.9487 mL	7.8973 mL
10 mM	0.3949 mL	1.9743 mL	3.9487 mL
50 mM	0.079 mL	0.3949 mL	0.7897 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