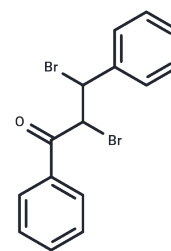


## Chalcone dibromide

## Chemical Properties

CAS No. : 611-91-6  
 Formula: C<sub>15</sub>H<sub>12</sub>Br<sub>2</sub>O  
 Molecular Weight: 368.06  
 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	Chalcone dibromide is a valuable synthon in synthesizing various bioactive molecules, including pyrazolines, hydroxy pyrazolines, and isoxazoles. It exhibits antioxidant effects against tumor cells by inhibiting superoxide production and lipid peroxidation and can be utilized in cancer disease research [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7169 mL	13.5847 mL	27.1695 mL
5 mM	0.5434 mL	2.7169 mL	5.4339 mL
10 mM	0.2717 mL	1.3585 mL	2.7169 mL
50 mM	0.0543 mL	0.2717 mL	0.5434 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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