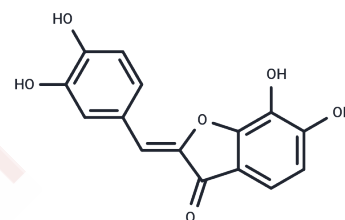


## Maritimetin

## Chemical Properties

CAS No. :	576-02-3
Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>6</sub>
Molecular Weight:	286.24
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	Maritimein, an aurone isolated from <i>Coreopsis tinctoria</i> , exhibits significant diphenyl (2,4,6-trinitrophenyl)iminoazanium (DPPH) radical-scavenging activity, with an IC <sub>50</sub> value of 4.12 μM. It is utilized in cardiovascular disease research [1].
Targets(IC <sub>50</sub> )	Others, Reactive Oxygen Species

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4936 mL	17.4679 mL	34.9357 mL
5 mM	0.6987 mL	3.4936 mL	6.9871 mL
10 mM	0.3494 mL	1.7468 mL	3.4936 mL
50 mM	0.0699 mL	0.3494 mL	0.6987 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