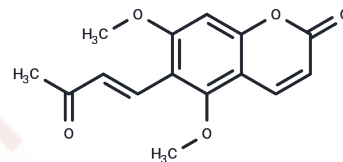


## 5-Methoxysuberenone

## Chemical Properties

CAS No. :	85011-58-1
Formula:	C <sub>15</sub> H <sub>14</sub> O <sub>5</sub>
Molecular Weight:	274.27
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	5-Methoxysuberenone is a chemical constituent of the root bark of <i>Toddalia asiatica</i> (L.) Lam. ( <i>T. aculeata</i> Pers.), Rutaceae.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 3.67 mg/mL (13.38 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.646 mL	18.2302 mL	36.4604 mL
5 mM	0.7292 mL	3.646 mL	7.2921 mL
10 mM	0.3646 mL	1.823 mL	3.646 mL
50 mM	0.0729 mL	0.3646 mL	0.7292 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.

## Reference

Ishii H, et al. [Studies on the chemical constituents of Rutaceae++ plants. LXVI. The chemical constituents of *Toddalia asiatica* (L.) Lam. (*T. aculeata* Pers.). (1). Chemical constituents of the root bark]. *Yakugaku Zasshi*. 1991 Jul;111(7):365-75.

**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