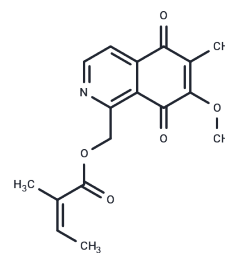


## Renierone

## Chemical Properties

CAS No. :	73777-65-8
Formula:	C <sub>17</sub> H <sub>17</sub> NO <sub>5</sub>
Molecular Weight:	315.32
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	Renierone is an antimicrobial metabolite isolated from the marine sponge, Reniera sp.
Targets(IC50)	Others, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1714 mL	15.8569 mL	31.7138 mL
5 mM	0.6343 mL	3.1714 mL	6.3428 mL
10 mM	0.3171 mL	1.5857 mL	3.1714 mL
50 mM	0.0634 mL	0.3171 mL	0.6343 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

- Kubo A, Nakahara S, Inaba K, Kitahara Y. Synthesis of renierone, 7-methoxy-1,6-dimethyl-5,8-dihydroisoquinoline-5,8-dione and N-formyl-1,2-dihydrorenierone, antimicrobial metabolites from a marine sponge, Reniera sp. Chem Pharm Bull (Tokyo). 1986 Oct;34(10):4056-68. PubMed PMID: 3829146.
- Sandoval IT, Davis RA, Bugni TS, Concepcion GP, Harper MK, Ireland CM. Cytotoxic isoquinoline quinones from sponges of the genus Petrosia. Nat Prod Res. 2004 Feb;18(1):89-93. PubMed PMID: 14974621.

**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