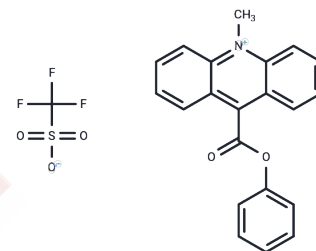


## 10-methyl-9-(phenoxy-carbonyl) Acridinium

## Chemical Properties

CAS No. :	161006-14-0
Formula:	C <sub>22</sub> H <sub>16</sub> F <sub>3</sub> NO <sub>5</sub> S
Molecular Weight:	463.43
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	10-methyl-9-(phenoxy-carbonyl) Acridinium is an acridinium ester that produces fluorescent 10-methyl-9-acridone upon oxidation with hydrogen peroxide, persulfates, and other oxidants in alkaline conditions
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 4.64 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1578 mL	10.7891 mL	21.5782 mL
5 mM	0.4316 mL	2.1578 mL	4.3156 mL
10 mM	0.2158 mL	1.0789 mL	2.1578 mL
50 mM	0.0432 mL	0.2158 mL	0.4316 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

Krzyminski K, Ozog A, Malecha P, et al. Chemiluminogenic Features of 10-Methyl-9-(phenoxy-carbonyl) acridinium Trifluoromethanesulfonates Alkyl Substituted at the Benzene Ring in Aqueous Media[J]. Journal of Organic Chemistry, 2011, 76(4):1072-1085.

**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