

Thio-acridone

Chemical Properties

CAS No. : 6540-78-9

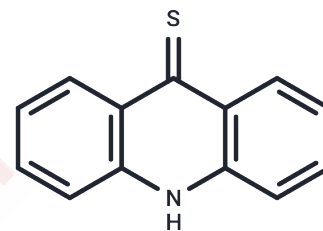
Formula: C₁₃H₉NS

Molecular Weight: 211.282

Keep away from direct sunlight

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	Thio-acridone is an atomic photosensitizer (HAF-PSs) that, when excited by visible light at 470 nm, forms a long-lived triplet state, ultimately generating singlet oxygen to disrupt the structure and function of target cells (e.g., cancer cells). Thio-acridone shows potential for use in cancer research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7331 mL	23.6653 mL	47.3306 mL
5 mM	0.9466 mL	4.7331 mL	9.4661 mL
10 mM	0.4733 mL	2.3665 mL	4.7331 mL
50 mM	0.0947 mL	0.4733 mL	0.9466 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