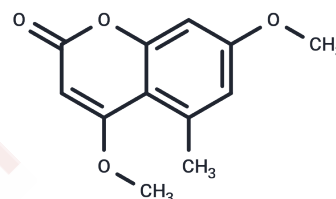


Siderin

Chemical Properties

CAS No. :	53377-54-1
Formula:	C ₁₂ H ₁₂ O ₄
Molecular Weight:	220.22
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	Siderin, a Photosystem II inhibitor, effectively impedes ATP synthesis and chloroplast electron transport in photosynthesis within isolated spinach chloroplasts and is utilized in research on plant photosynthesis [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5409 mL	22.7046 mL	45.4091 mL
5 mM	0.9082 mL	4.5409 mL	9.0818 mL
10 mM	0.4541 mL	2.2705 mL	4.5409 mL
50 mM	0.0908 mL	0.4541 mL	0.9082 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