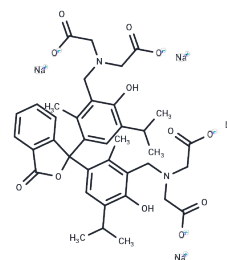


Thymolphthalexon tetrasodium

Chemical Properties

CAS No. :	62698-55-9
Formula:	C ₃₈ H ₄₀ N ₂ Na ₄ O ₁₂
Molecular Weight:	808.69
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	Thymolphthalexon (tetrasodium) is an organic thioxanthone derivative used as a biochemical assay reagent due to its potent antioxidant properties. It is crucial in researching free radical response, oxidative stress, and aging. Additionally, Thymolphthalexon serves as a photosensitizer in photodynamic therapy for treating cancer and various other diseases.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2366 mL	6.1828 mL	12.3657 mL
5 mM	0.2473 mL	1.2366 mL	2.4731 mL
10 mM	0.1237 mL	0.6183 mL	1.2366 mL
50 mM	0.0247 mL	0.1237 mL	0.2473 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