

m-THPP

Chemical Properties

CAS No. :	22112-79-4
Formula:	C44H30N4O4
Molecular Weight:	678.75
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	m-THPP (Tetra(3-hydroxyphenyl)porphyrin; 3-THPP) acts as a photosensitizer. It can mildly induce the production of reactive oxygen species (ROS) and exhibits both antitumor and antimicrobial activities. m-THPP is utilized in the research of photodynamic therapy (PDT).
Targets(IC50)	Photosensitizer

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4733 mL	7.3665 mL	14.733 mL
5 mM	0.2947 mL	1.4733 mL	2.9466 mL
10 mM	0.1473 mL	0.7366 mL	1.4733 mL
50 mM	0.0295 mL	0.1473 mL	0.2947 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