

## Cu(II) MTCPP

## Chemical Properties

CAS No. :	41699-93-8
Formula:	C48H28CuN4O8
Molecular Weight:	852.32
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	Cu(II) MTCPP is a copper coordination complex. Cu(II) MTCPP-sensitized TiO <sub>2</sub> nanotubes serve as a visible light photocatalyst, broadening the wavelength response range and more efficiently transporting excited electrons while separating photogenerated electron-hole pairs.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1733 mL	5.8663 mL	11.7327 mL
5 mM	0.2347 mL	1.1733 mL	2.3465 mL
10 mM	0.1173 mL	0.5866 mL	1.1733 mL
50 mM	0.0235 mL	0.1173 mL	0.2347 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