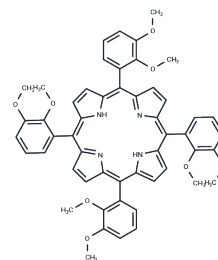


XXN22702

## Chemical Properties

CAS No. :	88422-70-2
Formula:	C52H46N4O8
Molecular Weight:	854.94
Storage:	Keep away from direct sunlight 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	XXN22702, also known as meso-Tetra(2,3-dimethoxyphenyl) porphine, is a synthetic porphyrin compound. Its zinc-containing form can be used as a sensitizing dye in dye-sensitized solar cells (DSSCs). Additionally, XXN22702 shows potential cytotoxic activity against human melanoma cells. Currently, the product lacks an official name, and a code designation has been temporarily assigned by MedKoo Chemical Nomenclature for communication purposes (refer to the website: <a href="https://www.medkoo.com/page/naming">https://www.medkoo.com/page/naming</a> ).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1697 mL	5.8484 mL	11.6967 mL
5 mM	0.2339 mL	1.1697 mL	2.3393 mL
10 mM	0.117 mL	0.5848 mL	1.1697 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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

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