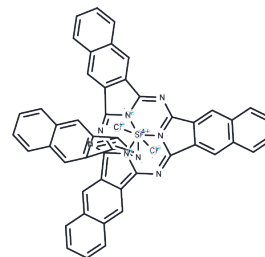


## Silicon naphthalocyanine dichloride

## Chemical Properties

CAS No. :	92396-91-3
Formula:	C <sub>48</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>8</sub> Si
Molecular Weight:	811.75
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	Silicon naphthalocyanine dichloride is a photosensitizer with potential anti-tumor activity. This compound is employed in photodynamic therapy to inhibit cancer by effectively absorbing specific wavelengths of light, thereby generating oxygen radicals that aid in the destruction of cancer cells. The biocompatibility of Silicon naphthalocyanine dichloride demonstrates promising prospects for medical applications.
Targets(IC50)	Others,Photosensitizer

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2319 mL	6.1595 mL	12.3191 mL
5 mM	0.2464 mL	1.2319 mL	2.4638 mL
10 mM	0.1232 mL	0.616 mL	1.2319 mL
50 mM	0.0246 mL	0.1232 mL	0.2464 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

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