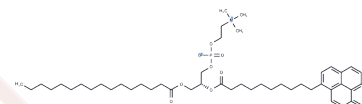


10-Pyrene-PC

Chemical Properties

CAS No. :	95864-17-8
Formula:	C50H76NO8P
Molecular Weight:	850.131
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	10-Pyrene-PC is a substrate for all PLA2s with the exception of cPLA2 and PAF-AH. Upon phospholipid hydrolysis, 10-pyrenyldecanoic acid is produced from 10-pyrene-PC. The monomeric 10-pyrenyldecanoic acid exhibits fluorescence (excitation 345 nm, emission 395 nm), allowing quantitation of phospholipase activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1763 mL	5.8815 mL	11.7629 mL
5 mM	0.2353 mL	1.1763 mL	2.3526 mL
10 mM	0.1176 mL	0.5881 mL	1.1763 mL
50 mM	0.0235 mL	0.1176 mL	0.2353 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