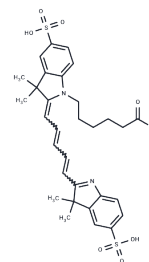


CypHer 5

Chemical Properties

CAS No. :	312961-83-4
Formula:	C ₃₁ H ₃₆ N ₂ O ₈ S ₂
Molecular Weight:	628.76
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	CypHer 5, a pH-sensitive cyanine derivative and environmental-sensitive fluorophore, exhibits pH-sensitive maximal absorption at 644 nm and emission at 664 nm. It has been utilized as a pH sensor for lysosomal compartments [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5904 mL	7.9522 mL	15.9043 mL
5 mM	0.3181 mL	1.5904 mL	3.1809 mL
10 mM	0.159 mL	0.7952 mL	1.5904 mL
50 mM	0.0318 mL	0.159 mL	0.3181 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481