

Cyanine5.5 alkyne chloride

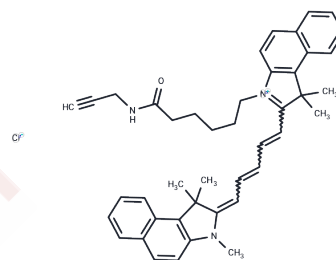
Chemical Properties

CAS No. : 1628790-37-3

Formula: C₄₃H₄₆ClN₃O

Molecular Weight: 656.3

Storage: Keep away from direct sunlight
 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	Cyanine5.5 alkyne chloride is a far-infrared fluorescent dye containing an alkynyl (-C≡C-) functional group. It is suitable for covalent binding with azide (-N ₃) modified biomolecules via click chemistry. Its chlorinated form may be used for labeling applications in specific chemical environments and is widely used in the fields of bioimaging and fluorescence detection.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5237 mL	7.6185 mL	15.2369 mL
5 mM	0.3047 mL	1.5237 mL	3.0474 mL
10 mM	0.1524 mL	0.7618 mL	1.5237 mL
50 mM	0.0305 mL	0.1524 mL	0.3047 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