

Sulfo-Cy7.5 NHS ester tripotassium

Chemical Properties

CAS No. :

Formula: C49H48K3N3O16S4

Molecular Weight: 1180.47

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	Sulfo-Cy7.5 NHS ester tripotassium, a near-infrared, water-soluble, hydrophilic dye, functions primarily as an NHS ester designed for amine group modification. This compound features a trimethylene bridge and includes a linker arm, facilitating its attachment to proteins, peptides, and various molecules. It is commonly utilized in research focused on NIR (near-infrared) imaging applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8471 mL	4.2356 mL	8.4712 mL
5 mM	0.1694 mL	0.8471 mL	1.6942 mL
10 mM	0.0847 mL	0.4236 mL	0.8471 mL
50 mM	0.0169 mL	0.0847 mL	0.1694 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