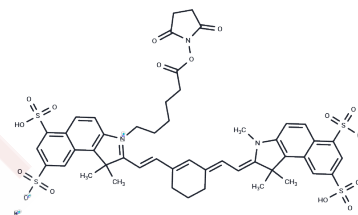


## Sulfo-Cy7.5 NHS ester

### Chemical Properties

CAS No. : 2736437-44-6  
 Formula: C49H50KN3O16S4  
 Molecular Weight: 1104.29  
 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, a near-infrared (NIR) water-soluble hydrophilic dye, is an NHS ester designed for modifying amine groups. It features a trimethylene bridge and a linker arm for attachment to proteins, peptides, and other molecules, making it suitable for NIR imaging applications research [1].
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9056 mL	4.5278 mL	9.0556 mL
5 mM	0.1811 mL	0.9056 mL	1.8111 mL
10 mM	0.0906 mL	0.4528 mL	0.9056 mL
50 mM	0.0181 mL	0.0906 mL	0.1811 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.

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