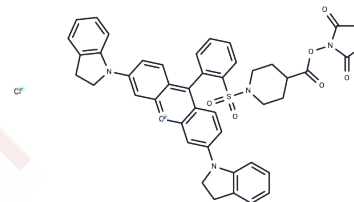


## QSY 21 NHS

## Chemical Properties

CAS No. :	304014-13-9
Formula:	C <sub>45</sub> H <sub>39</sub> ClN <sub>4</sub> O <sub>7</sub> S
Molecular Weight:	815.33
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	QSY 21 NHS is an effective energy transfer acceptor for far-red and near-infrared fluorescent probes. This quencher operates within the wavelength range of 540-750 nm, typically utilized in FRET applications. QSY 21 NHS does not emit fluorescence under normal conditions. The NHS ester form of QSY 21 allows for the labeling of proteins, amine-modified oligonucleotides, and other primary amine-containing molecules (R-NH <sub>2</sub> ).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2265 mL	6.1325 mL	12.265 mL
5 mM	0.2453 mL	1.2265 mL	2.453 mL
10 mM	0.1226 mL	0.6132 mL	1.2265 mL
50 mM	0.0245 mL	0.1226 mL	0.2453 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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