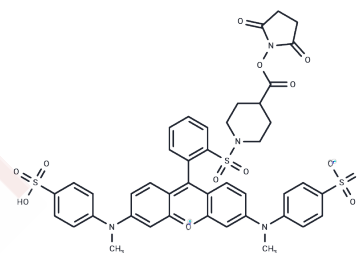


## QSY-9-succinimidyl ester

## Chemical Properties

CAS No. :	304014-17-3
Formula:	C43H38N4O13S3
Molecular Weight:	914.976
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	QSY-9-succinimidyl ester is a non-fluorescent acceptor molecule featuring a terminal NHS ester group. Its quenching range is broad and intense, spanning 500-600 nm, which makes it suitable as an acceptor for fluorescence resonance energy transfer (FRET) applications with fluorescent dyes in the same wavelength range. The NHS ester can label primary amines (-NH <sub>2</sub> ) on proteins, amine-modified oligonucleotides, and other amine-containing molecules.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0929 mL	5.4646 mL	10.9292 mL
5 mM	0.2186 mL	1.0929 mL	2.1858 mL
10 mM	0.1093 mL	0.5465 mL	1.0929 mL
50 mM	0.0219 mL	0.1093 mL	0.2186 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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