

QSY-21

Chemical Properties

CAS No. : 1200894-41-2

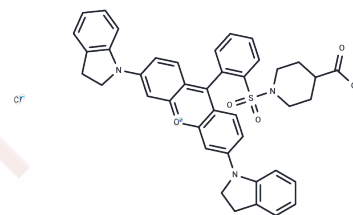
Formula: C41H36ClN3O5S

Molecular Weight: 718.26

Keep away from direct sunlight

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 is a fluorescence quencher with broad absorption in the far-red and near-infrared regions, effectively quenching the fluorescence of dyes that emit in these areas. It is a carboxylic acid derivative with a strong maximum absorption at 661 nm, making it a suitable acceptor for fluorescence resonance energy transfer (FRET) applications. QSY-21 is commonly used as a quencher for Cyanine5, Cyanine5.5, AF 647, or other spectrally similar fluorescent dyes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3923 mL	6.9613 mL	13.9225 mL
5 mM	0.2785 mL	1.3923 mL	2.7845 mL
10 mM	0.1392 mL	0.6961 mL	1.3923 mL
50 mM	0.0278 mL	0.1392 mL	0.2785 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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