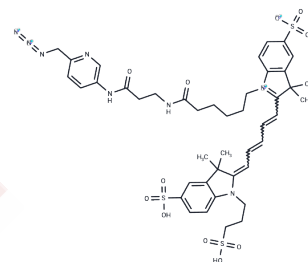


Sulfo-Cy5 picolyl azide

Chemical Properties

CAS No. :	2669097-38-3
Formula:	C43H52N8O11S3
Molecular Weight:	953.115
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	Sulfo-Cy5 picolyl azide is a fluorophore that contains both a sulfonic acid group and an azide group. The azide group acts as a handle for click chemistry, allowing it to react with terminal alkynes and strained cyclooctynes [such as BCN or DBCO]. Cy5 is a cyanine dye with excitation and emission maxima at 651 nm and 670 nm, respectively. The sulfonic acid groups on the Cy5 dye enhance the compound's water solubility.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0492 mL	5.2459 mL	10.4919 mL
5 mM	0.2098 mL	1.0492 mL	2.0984 mL
10 mM	0.1049 mL	0.5246 mL	1.0492 mL
50 mM	0.021 mL	0.1049 mL	0.2098 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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