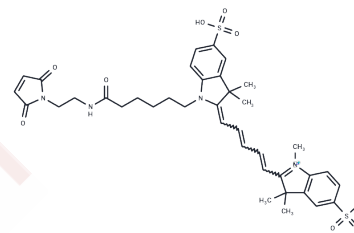


Sulfo-Cy5-Mal

Chemical Properties

CAS No. :	2130955-10-9
Formula:	C38H44N4O9S2
Molecular Weight:	764.91
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Sulfo-Cy5-Mal is an active ester fluorescent dye that reacts with thiol groups in proteins to form stable conjugates. It is used for protein labeling.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 116.67 mg/mL (152.53 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3073 mL	6.5367 mL	13.0734 mL
5 mM	0.2615 mL	1.3073 mL	2.6147 mL
10 mM	0.1307 mL	0.6537 mL	1.3073 mL
50 mM	0.0261 mL	0.1307 mL	0.2615 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.

Reference

V Kholodenko I, et al. Multimerization through Pegylation Improves Pharmacokinetic Properties of scFv Fragments of GD2-Specific Antibodies. *Molecules*. 2019 Oct 24;24(21):3835.

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