

Cy5-DBCO

Chemical Properties

CAS No.:	1564286-24-3
Formula:	C52H56N4O11S3
Molecular Weight:	1009.22
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Cy5-DBCO (DBCO-Sulfo-Cy5) is a near-infrared (NIR) red fluorescent dye (λ_{abs} : 646 nm, λ_{em} : 670 nm). Cy5-DBCO is not suitable for staining intracellular components of the permeabilized cells because it may exhibit a high background.
Targets(IC ₅₀)	Red fluorescent dye: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.991 mL	4.954 mL	9.909 mL
5 mM	0.198 mL	0.991 mL	1.982 mL
10 mM	0.099 mL	0.495 mL	0.991 mL
50 mM	0.02 mL	0.099 mL	0.198 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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