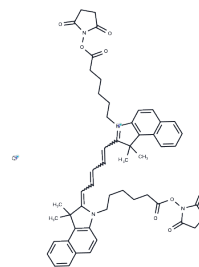


## Cy5.5 bis-NHS ester

### Chemical Properties

CAS No. :	2183440-77-7
Formula:	C <sub>53</sub> H <sub>57</sub> ClN <sub>4</sub> O <sub>8</sub>
Molecular Weight:	913.495
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	Cy5.5 bis-NHS ester is an active cyanine dye containing NHS ester, utilized for labeling amine groups in peptides, proteins, and oligonucleotides.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0947 mL	5.4735 mL	10.9469 mL
5 mM	0.2189 mL	1.0947 mL	2.1894 mL
10 mM	0.1095 mL	0.5473 mL	1.0947 mL
50 mM	0.0219 mL	0.1095 mL	0.2189 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481